DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No ) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

# Environmental Monitoring Reporting Form

**Notice:** This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

## Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

## Solid Waste Monitoring Data Submittal Information

**Name of entity submitting data (laboratory, consultant, facility owner):**

Brian S. Boutin, PG

**Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:**

Name: Brian S. Boutin, PG Phone: 919-366-3663 (office); 919-995-0363 (cell)

E-mail: bboutinpg@bellsouth.net

| Facility name: | Facility Address: | Facility Permit # | NC Landfill Rule: (.0500 or .1600) | Actual sampling dates (e.g., October 20-24, 2006) |
|---|---|---|---|---|
| Central Carolina Tire Monofill Phase I/II | 1616 McKoy Town Road Cameron, Harnett County, NC | 43-04 | .0500 | April 28-29, 2010 |

**Environmental Status: (Check all that apply)**

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

**Type of data submitted: (Check all that apply)**

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☐ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify) _____

**Notification attached?**

☐ No. No groundwater or surface water standards were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

## Certification

**To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.**

Brian S. Boutin, PG — Facility Representative Name (Print)

Consultant for Facility — Title

919-366-3663 (office); 919-995-0363 (cell) — (Area Code) Telephone Number

Signature

Date

Affix NC Licensed/ Professional Geologist Seal

11112 Branding Iron Place, Wendell, NC 27591

Facility Representative Address

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009

Brian S. Boutin, PG
Consulting Geologist

**Explanatory Text for Notification Table**
**Central Carolina Tire Monofill Landfill**
**Cameron, Harnett, NC**
**Permit # 43-04**
**April 28 and 29, 2010 Water Quality Monitoring**

The results of the April 2010 groundwater and surface water quality monitoring conducted at the Central Carolina Tire Monofill Landfill Phase I/II are generally consistent with the results of previous monitoring conducted at the site. With the exception of arsenic at monitoring well MW-9, no RCRA metals were reported in any of the groundwater or surface water samples at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards or the 15A NCAC 2B surface water quality standards. Arsenic was reported at a concentration of 15 µg/L in the groundwater sample collected from monitoring well MW-9, which exceeds the revised 15A NCAC 2L groundwater quality standard of 10 µg/L effective as of January 1, 2010. This is the first occurrence of arsenic concentrations exceeding the groundwater quality standard at MW-9 or at any other well location at the site. Arsenic had not been detected in the groundwater samples collected from monitoring well MW-9 during the previous four sampling events, and the highest historical concentration of arsenic reported in groundwater at MW-9 was 5.04µg/L in October 2007. Inasmuch as monitoring well MW-9 serves as an upgradient background well for the facility, the April 2010 arsenic data for the groundwater sample collected from MW-9 appears to be an outlier with respect to the historical data.

No Appendix I VOCs were reported in either surface water sample at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards or the 15A NCAC 2B surface water quality standards. The results of the analyses of the groundwater samples for Appendix I VOCs are generally consistent with the historical data presented in **Table 3**. It is noted that the level of PCE reported at MW-8 in April 2010 exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. None of the other VOCs reported in the groundwater samples were detected at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards. With respect to PCE in groundwater at MW-8, the levels of PCE reported in groundwater samples collected from MW-8 since April 2007 have shown an increasing trend. It is noted, however, that based on the location of MW-8 relative to the landfill, it is likely that the PCE detected in groundwater at that location originates from an upgradient source unrelated to the landfill. Based on the presence of PCE in groundwater at MW-8, a Preliminary Site Assessment Work Plan designed to assess the source and extent of PCE in groundwater at the site was sent to the NCDENR SWS in September 2009 for approval. Once approval of the work plan is received from the NCDENR SWS, the assessment work will proceed at the site.

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Brian S. Boutin, PG
Consulting Geologist

May 24, 2010

Ms. Jaclynne Drummond
North Carolina Department of Environment and Natural Resources
Division of Waste Management
Solid Waste Section
P. O. Box 27687
Raleigh, NC 27611-7687

**RE: Report of Results**
**Semi-Annual Groundwater and Surface Water Monitoring: April 2010**
**Central Carolina Tire Monofill Landfill Phase I/II**
**Cameron, Harnett County, NC**
**Permit # 43-04**

Dear Ms. Drummond:

This report presents the results of semi-annual groundwater and surface water quality monitoring conducted at the landfill site referenced above (**Figure 1**) in April 2010. The scope of work performed included sampling and laboratory analysis of groundwater samples from eight on-site monitoring wells (MW-2 through MW-9) and surface water samples from two on-site locations (SW-1 and SW-2). The groundwater and surface water samples were collected in accordance with the NCDENR, Division of Waste Management (DWM), Solid Waste Section (SWS) Groundwater Monitoring Guidance Document and the facility Water Quality Monitoring Plan. The sampling and data collection methods, as well as the current and historical results of field and laboratory testing of the water samples, are presented in the following sections.

## 1.0 POTENTIOMETRIC PATTERN AND GROUNDWATER FLOW

Groundwater levels were gauged in the site groundwater monitoring wells on April 28, 2010 as part of the site monitoring. Depths to groundwater were measured using an electronic interface probe that was thoroughly decontaminated between wells with a non-phosphate soap and water wash followed in order by multiple rinses with distilled water, an isopropyl alcohol rinse, and multiple distilled water rinses. Depth to water measurements were made after the wells were opened for a sufficient periods of time to allow water levels to equilibrate with atmospheric pressure. The locations of the site monitoring wells are depicted in **Figure 2**. Groundwater elevation data collected at the

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monitoring wells on April 28, 2010 are presented in **Table 1**. The depth to groundwater across the site relative to ground surface, as measured in the Type II groundwater-monitoring wells on April 28, 2010, generally ranged from approximately 4 feet below grade at MW-2 (located adjacent to a low-lying wetland area) to approximately 19 feet below grade at MW-9, which is consistent with the surface topography.

A water-table elevation contour map that was developed based on the April 28, 2010 groundwater-gauging data for the Type II monitoring wells is presented as **Figure 3**. The pattern of the water-table contours indicates that the horizontal component of shallow groundwater flow at the site is generally to the south and southeast, which is consistent with the surface topography and drainage features at the site. The average hydraulic gradient of the water table, based on the data depicted in **Figure 3**, ranges from approximately 0.035 ft/ft in west-southwest portion of the site to approximately 0.019 ft/ft in the east-northeast portion of the site.

## 2.0 RESULTS OF GROUNDWATER AND SURFACE WATER SAMPLING AND ANALYSIS

Groundwater samples were collected from the site monitoring wells and surface water samples were collected from two on-site locations on April 29, 2010 for laboratory analysis to monitor the quality of groundwater and surface water at the site. The groundwater and surface water samples were collected and handled in accordance with the sampling protocols included in the site Water Quality Monitoring Plan as well as the SWS Groundwater Monitoring Guidance Document. It is noted that monitoring well MW-9 serves as the upgradient, natural background well for the facility, and monitoring wells MW-2 through MW-7 serve as the downgradient monitoring wells. Monitoring well MW-8 is located immediately north of the landfill. Based on its location relative to the groundwater elevation contours, MW-8 is located hydraulically cross-gradient to the northern-most area of the landfill and hydraulically upgradient of most of the landfill area. All reusable sampling equipment was properly decontaminated between sampling locations with a non-phosphate soap and water wash, followed by multiple rinses with distilled water. New disposable nitrile or latex gloves were worn during all sampling activities. Disposable sampling equipment/material was discarded after each use.

Prior to groundwater sampling, the monitoring wells were purged of a minimum of three well volumes of water using PVC bottom-loading bailers. During purging, measurements were made in the field of the pH, temperature, specific conductance and turbidity of the groundwater collected from the monitoring wells, in accordance with SWS requirements. The results of the field analyses of these parameters are presented in **Table 1**. Copies of Groundwater Sampling Forms containing pertinent information recorded in the field during purging and sampling at each groundwater monitoring well are presented in **Appendix A**. The results of the field-measured water-quality

parameters indicate that the values measured in groundwater collected from the site monitoring wells were generally within the applicable stabilization criteria (see Groundwater Sampling Forms). Groundwater at the site is acidic based on the pH values measured in the field (4.09 to 5.64). Specific conductance values ranged from 47 (MW-8) to 714 (MW-9) µS/cm in groundwater at the Type II monitoring wells. Turbidity values ranged from 4.42 (MW-9) to 12.9 (MW-5) NTUs.

Surface water samples were collected from two locations at the site (SW-1 and SW-2). The sampling locations are depicted in **Figure 2**. SW-1 is located approximately 140-feet south-southeast of the south-central sedimentation pond and within the drainage feature that parallels the southern limits of scrap tire disposal within the Phase I/II landfill. SW-2 is located approximately 250-feet south-southeast of the southeastern sedimentation pond and within the primary drainage feature that parallels the eastern limits of the Phase I/II landfill. All surface water samples were collected in accordance with the protocol presented in the SWS Groundwater Monitoring Guidance Document.

All groundwater and surface water samples were analyzed at a North Carolina-certified laboratory for Appendix I volatile organic compounds (VOCs) by SW 846 Method 8260 and the 8 RCRA metals by EPA 6000/7000 series methods. Summarized results of laboratory analyses for groundwater and surface water samples collected from the site on April 29, 2010 are presented in **Table 2**. Summarized historical groundwater and surface water quality data for the site are presented in **Table 3**. Copies of the original laboratory reports are included in **Appendix B**.

The laboratory analytical results for the surface water samples collected from the site on April 29, 2010 indicate that no volatile organic compounds were reported in either sample. Low levels of barium and chromium were reported in both of the surface water samples, as well as a low level of selenium in sample SW-2. It is noted that none of the reported concentrations of metals in the surface water samples exceed the corresponding 15A NCAC 2B surface water quality standards.

The laboratory analytical results for the groundwater samples collected from the site monitoring wells on April 29, 2010 indicate that low levels of acetone, benzene, chloroethane, cis-1,2-dichloroethene and 4-methyl-2-pentanone were variously reported in the groundwater samples collected from monitoring wells MW-3, MW@-4 and MW-6. The levels of VOCs reported in the groundwater samples collected from these wells were well below the corresponding 15A NCAC 2L .0202 groundwater quality standards. Tetrachloroethene (PCE) was reported at a concentration of 6.3 µg/L in the sample from MW-8, which exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. The levels of PCE reported in groundwater samples collected from MW-8 since April 2007 have shown a generally increasing trend. It is noted, however, that based on the location of MW-8 relative to the landfill, it is likely that the PCE detected in groundwater at that location originates from an upgradient source unrelated to the landfill.

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The results of the metals analyses of the groundwater samples indicate that arsenic was reported in one sample, barium was reported in all of the samples, cadmium was reported in two of the samples, chromium was reported in four of the samples, lead was reported in six of the samples, mercury was reported in three of the samples, and selenium was reported in two of the eight samples. With the exception of arsenic in MW-9, none of the reported concentrations of metals in the groundwater samples exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards. Arsenic was reported at a concentration of 15 µg/L in the groundwater sample collected from monitoring well MW-9, which exceeds the revised 15A NCAC 2L groundwater quality standard of 10 µg/L effective as of January 1, 2010. This is the first occurrence of arsenic concentrations exceeding the groundwater quality standard at MW-9.

## 3.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the April 2010 groundwater and surface water quality monitoring conducted at the Central Carolina Tire Monofill Landfill Phase I/II are generally consistent with the results of previous monitoring conducted at the site. With the exception of arsenic at monitoring well MW-9, no RCRA metals were reported in any of the groundwater or surface water samples at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards or the 15A NCAC 2B surface water quality standards. Arsenic was reported at a concentration of 15 µg/L in the groundwater sample collected from monitoring well MW-9, which exceeds the revised 15A NCAC 2L groundwater quality standard of 10 µg/L effective as of January 1, 2010. This is the first occurrence of arsenic concentrations exceeding the groundwater quality standard at MW-9 or at any other well location at the site. Arsenic had not been detected in the groundwater samples collected from monitoring well MW-9 during the previous four sampling events, and the highest historical concentration of arsenic reported in groundwater at MW-9 was 5.04µg/L in October 2007. Inasmuch as monitoring well MW-9 serves as an upgradient background well for the facility, the April 2010 arsenic data for the groundwater sample collected from MW-9 appears to be an outlier with respect to the historical data.

No Appendix I VOCs were reported in either surface water sample at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards or the 15A NCAC 2B surface water quality standards. The results of the analyses of the groundwater samples for Appendix I VOCs are generally consistent with the historical data presented in **Table 3**. It is noted that the level of PCE reported at MW-8 in April 2010 exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. None of the other VOCs reported in the groundwater samples were detected at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

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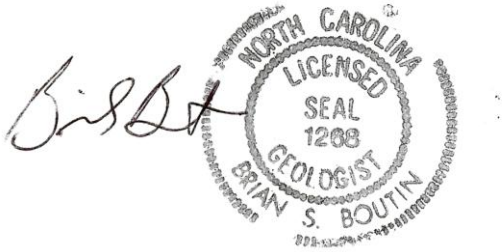
With respect to PCE in groundwater at MW-8, the levels of PCE reported in groundwater samples collected from MW-8 since April 2007 have shown an increasing trend. It is noted, however, that based on the location of MW-8 relative to the landfill, it is likely that the PCE detected in groundwater at that location originates from an upgradient source unrelated to the landfill. Based on the presence of PCE in groundwater at MW-8, a Preliminary Site Assessment Work Plan designed to assess the source and extent of PCE in groundwater at the site was sent to the NCDENR SWS in September 2009 for approval. Once approval of the work plan is received from the NCDENR SWS, the assessment work will proceed at the site.

If you have any questions or require further assistance regarding this report, please call me at 919-995-0363. The next water quality monitoring event for the Central Carolina Tire Monofill Landfill is scheduled for October 2010.

Sincerely,




Brian S. Boutin, P.G.
Consulting Geologist

Cc: Tim McNeil, Central Carolina Holdings, Inc.
Vance Moore, Garrett and Moore, Inc.

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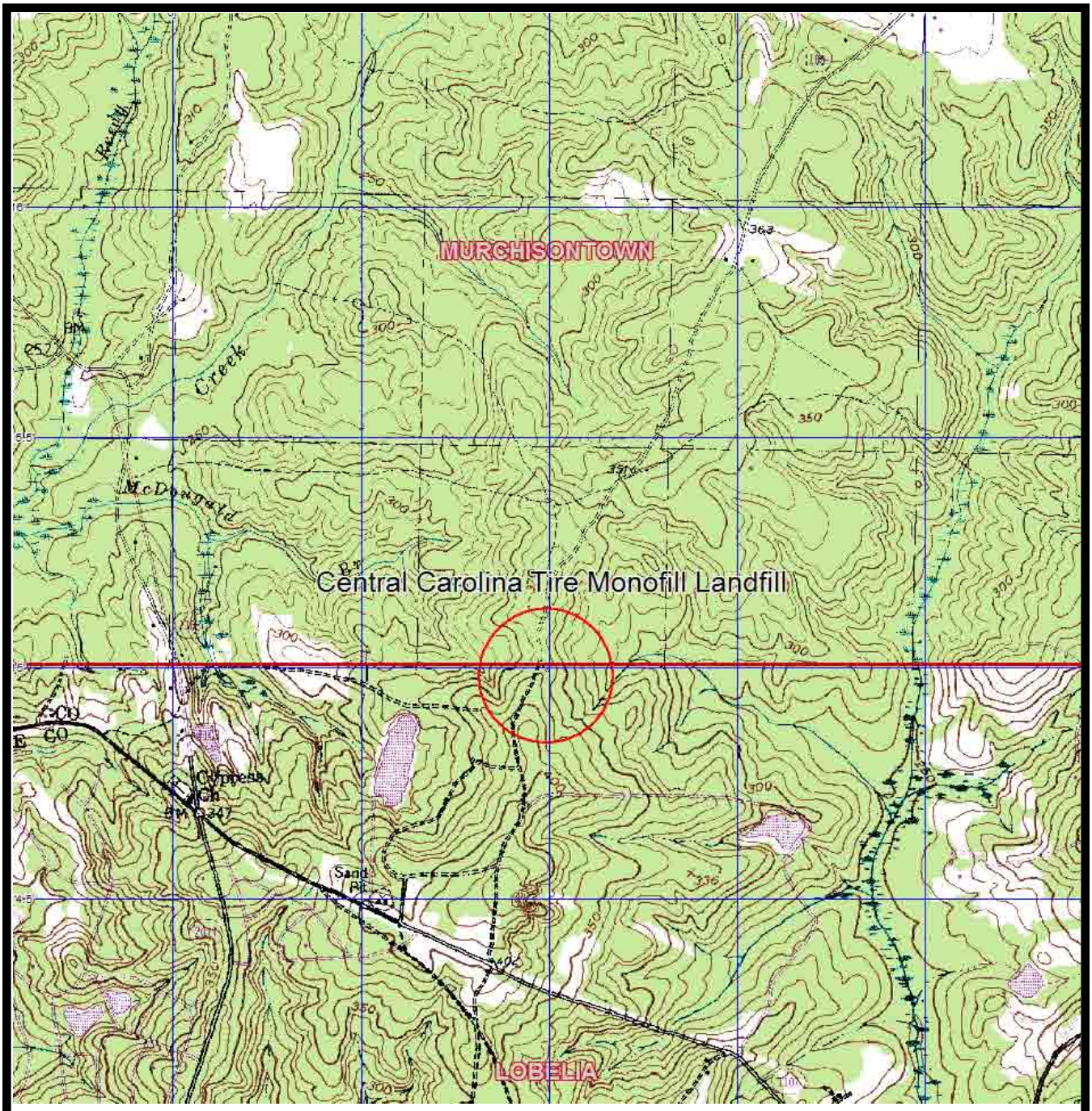



Source: USGS 7.5' Topographic Quadrangle Series
Murchisontown and Lobelia, North Carolina 1981

N

2000 1000 0 1000 2000

SCALE

**Garrett and Moore, Inc.**

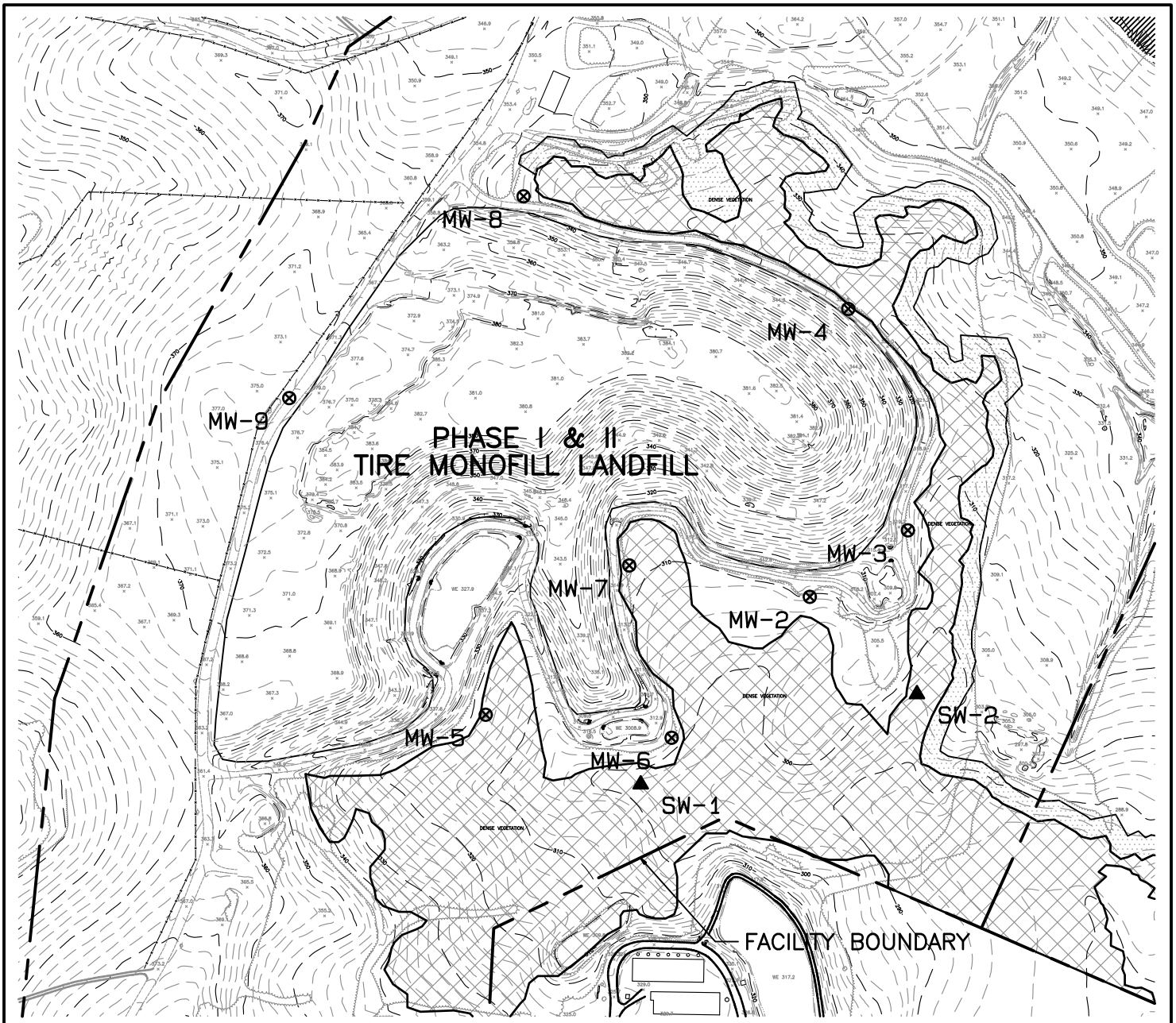
*Engineering Consulting Services*

1258 Benson Road, Garner, NC 27529
Tel: (919) 792-1900 Fax: (866) 311-7206

**SITE LOCATION MAP**

Central Carolina Tire Monofill Landfill
1616 McKoy Town Road
Cameron, Harnett County, North Carolina

| Drawn by: | Reviewed by: | Project #: | Drawing #: CCT0607-1 | Figure No. |
|---|---|---|---|---|
| USGS | USGS | Scale: 1:24,000 | Drawing Date: 6/20/07 | 1 |




LEGEND

⊗ MW-9 GROUNDWATER MONITORING WELL

▲ SW-1 SURFACE WATER MONITORING LOCATION

WETLANDS

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

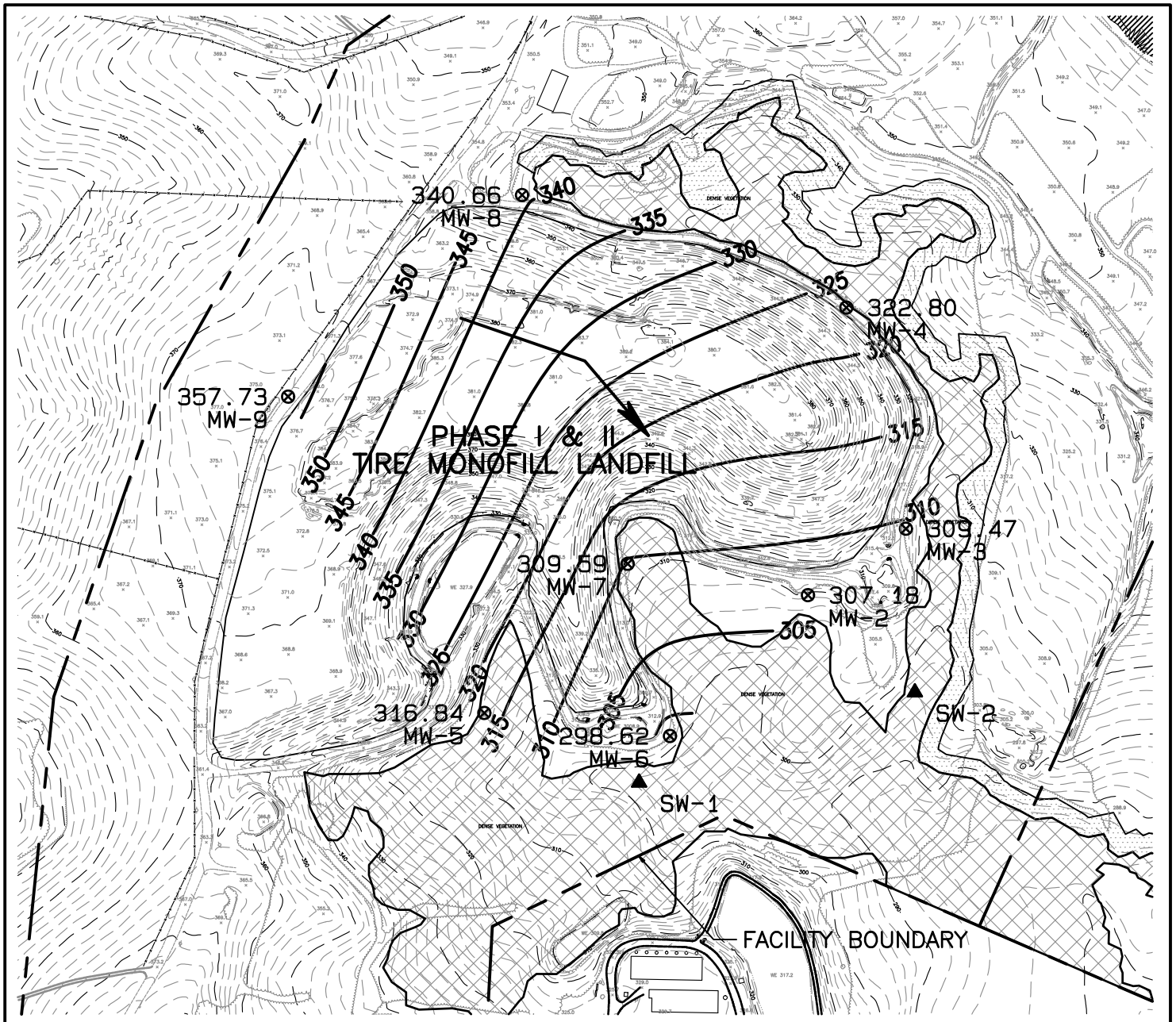
GARRETT & MOORE
Engineering for the Power and Waste Industries

# CENTRAL CAROLINA TIRE PHASE I & II SITE MAP

JOB

FIG 2

V:\Liberty Tire Projects\Central Carolina Tire\Projects\GW Monitoring\2010\Apr '10 Event\Phase 1 & 2\PHS 1-2 GW EVENT 5-10.pro Thu May 20, 2010 10:51:28AM




LEGEND

| | |
|---|---|
| ⊗ 355.91 MW-9 | GROUNDWATER MONITORING WELL W/ APPROXIMATE GROUNDWATER ELEVATION AS OF APRIL 28, 29, 2010 |
| ▲ SW-1 | SURFACE WATER MONITORING LOCATION |
| ← | APPARENT DIRECTION OF GROUNDWATER FLOW |
| ▨ | WETLANDS |

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

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# CENTRAL CAROLINA TIRE PHASE I & II WATER-TABLE ELEVATION MAP APRIL 29, 2010

JOB

FIG 3

V:\Liberty Tire Projects\Central Carolina Tire\Projects\GW Monitoring\2010\Apr '10 Event\Phase 1 & 2\PHS 1-2 GW EVENT 5-10.pro Thu May 20, 2010 11:14:30AM

**Table 1**
**Monitoring Well and Groundwater Data**
**April 2010 Sampling Event**
**April 28 and 29, 2010**
**Central Carolina Tire Monofill Landfill Phase I/II**
**Harnett County, North Carolina**
**Permit # 43-04**

| Well Identity | Well Depth (Feet BGS) | Well Diameter (Inches) | Approximate Ground Surface Elevation (Feet MSL) | Depth to Groundwater (Feet BTOC) | Approximate Depth to GW (Feet BGS) | Approximate Groundwater Elevation (Feet MSL) | Field Parameters | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Temp. C$^{o}$ | pH | S.C. umhos/cm | Turbidity (ntu) |
| MW-2 | 20.0 | 2.0 | 308.95 | 4.27 | 1.77 | 307.18 | 13.4 | 4.66 | 80 | 7.7 |
| MW-3 | 20.0 | 2.0 | 316.35 | 9.38 | 6.88 | 309.47 | 13.6 | 4.79 | 82 | 8.89 |
| MW-4 | 20.0 | 2.0 | 324.68 | 4.38 | 1.88 | 322.80 | 14.1 | 5.02 | 79 | 9.26 |
| MW-5 | 20.0 | 2.0 | 318.92 | 4.58 | 2.08 | 316.84 | 14.2 | 5.64 | 79.2 | 12.9 |
| MW-6 | 25.0 | 2.0 | 302.84 | 7.10 | 4.60 | 298.24 | 13.9 | 4.88 | 76.4 | 6.98 |
| MW-7 | 20.0 | 2.0 | 313.30 | 6.21 | 3.71 | 309.59 | 14.8 | 4.70 | 65.2 | 5.32 |
| MW-8 | 20.0 | 2.0 | 344.38 | 6.22 | 3.72 | 340.66 | 14.0 | 4.88 | 47 | 10.1 |
| MW-9 | 30.0 | 2.0 | 374.69 | 19.46 | 16.96 | 357.73 | 14.7 | 4.09 | 714 | 4.42 |

Notes: BGS = Below Ground Surface
MSL = Mean Sea Level
BTOC = Below Top of Casing
GW = Groundwater
S.C. = Specific Conductance
ntu = Nephelometric Turbidity Units
Approximate depths to groundwater relative to ground surface were calculated by assuming a casing stickup height of 2.5 ft and subtracting from the depth to water measured below the top of the PVC casing.
Monitoring well construction data taken from October-December 2006 Sampling Event Monitoring Report prepared by Withers & Ravenel.

**Table 2**
**Laboratory Results for Surface Water and Groundwater Samples**
**April 2010 Sampling Event**
**April 28 and 29, 2010**
**Central Carolina Tire Monofill Landfill Phase I/II, Harnett County, NC**
**Permit # 43-04**

| ORGANIC CONSTITUENTS (ug/L) | SW-1 | SW-2 | MW-2 | MW-3 | MW-4 | MW-5 | MW-6 | MW-7 | MW-8 | MW-9 | SWSL (ug/L) | NCAC 2L STD (ug/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | ND | ND | ND | ND | ND | 6.0 J | ND | ND | ND | 100 | 6000 |
| Acrylonitrile | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 200 | N/A |
| Benzene | ND | ND | ND | ND | 0.56 J | ND | 0.56 J | ND | ND | ND | 1 | 1 |
| Bromochloromethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | N/A |
| Bromodichloromethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1 | 0.6 |
| Bromoform (Tribromoethane) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 4 |
| Bromomethane (Methyl Bromide) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.5 | N/A |
| 2-Butanone (MEK), (Methyl Ethyl Ketone) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 51 | 4000 |
| Carbon Disulfide | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 51 | 700 |
| Carbon Tetrachloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.5 | 0.3 |
| Chlorobenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 50 |
| Chloroethane (Ethyl Chloride) | ND | ND | ND | ND | 1.3 J | ND | ND | ND | ND | ND | 5.5 | 3000 |
| Chloroform (Trichloromethane) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 70 |
| 1,2-Dibromo-3-Chloropropane (DBCP) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5 | 0.04 |
| Dibromochloromethane (Chlorodibromomethane) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 0.4 |
| 1,2,-Dibromoethane (Ethylene Dibromide) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 0.02 |
| Dibromomethane (Methylene Bromide) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.5 | N/A |
| 1,2-Dichlorobenzene (O-Dichlorobenzene) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 20 |
| 1,3-Dichlorobenzene (M-Dichlorobenzene) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 200 |
| 1,4-Dichlorobenzene (P-Dichlorobenzene) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 6 |
| Trans-1,4-Dichloro-2-butene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 50.5 | N/A |
| 1,1-Dichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 6 |
| 1,2-Dichloroethane (Ethylene Dichloride) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 0.4 |
| 1,1-Dichloroethene (Vinylidene Chloride) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 7 |
| Cis-1,2-Dichloroethene (Cis-1,2-Dichloroethylene) | ND | ND | ND | 0.53 J | ND | ND | ND | ND | ND | ND | 3 | 70 |
| T-1,2-Dichloroethene (Trans-1,2-Dichloroethylene) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 100 |
| 1,2-Dichloropropane (Propylene Dichloride) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 0.6 |
| 1,1-Dichloropropene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | N/A |
| Cis-1,3-Dichloropropene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.5 | 0.4 |
| Trans-1,3-Dichloropropene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.5 | 0.4 |
| Ethylbenzene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 600 |
| Iodomethane (Methyl Iodide) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 6 | N/A |
| 2-Hexanone (Methyl Butyl Ketone) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 26 | 280 |
| Methyl Chloride (Chloromethane) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.5 | 3 |
| Methylene Chloride (Dichloromethane) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.5 | 5 |
| 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) | ND | ND | ND | 0.56 J | ND | ND | ND | ND | ND | ND | 51 | 560* |
| Styrene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.5 | 70 |
| 1,1,1,2-Tetrachloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | N/A |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 0.2 |
| Tetrachloroethene (Tetrachloroethylene), (PCE) | ND | ND | ND | ND | ND | ND | ND | ND | **6.3** | ND | 3 | 0.7 |
| Toluene | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 600 |
| 1,1,1-Trichloroethane (Methylchloroform) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 200 |
| 1,1,2-Trichloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | N/A |
| Trichloroethene (Trichloroethylene), (TCE) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 3 |
| Trichlorofluoromethane (CFC-11) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3 | 2000 |
| 1,2,3-Trichloropropane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 8 | 0.005 |
| Vinyl Acetate | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 26 | N/A |
| Vinyl Chloride | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.5 | 0.03 |
| Total Xylenes | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 4 | 500 |
| **INORGANIC CONSTITUENTS (in ug/L)** | | | | | | | | | | | **SWSL (ug/L)** | **NCAC 2L STD (ug/L)** |
| Arsenic | ND | ND | ND | ND | ND | ND | ND | ND | ND | **15** | 10 | 10 |
| Barium | 19 | 48 | 110 | 31 | 28 | 30 | 13 | 67 | 38 | 680 | 100 | 700 |
| Cadmium | ND | ND | 0.18 J | ND | ND | ND | ND | ND | ND | 0.23 J | 1 | 2 |
| Chromium | 0.70 J | 1.1 J | ND | ND | ND | 0.60 J | 0.60 J | ND | 0.56 J | 1.0 J | 10 | 10 |
| Lead | ND | ND | 1.6 J | 0.97 J | ND | ND | 0.74 J | 3.2 J | 1.1 J | 10 | 10 | 15 |
| Mercury | ND | ND | ND | 0.056 J | ND | ND | ND | 0.023 J | ND | 0.12 J | 0.20 | 1 |
| Selenium | ND | 4.2 J | 3.3 J | ND | ND | ND | 2.8 J | ND | ND | ND | 10 | 20 |
| Silver | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 10 | 20 |

Notes:

Values in boldface exceed the corresponding 15A NCAC 2L .0202 groundwater quality standard for Class GA groundwater.
NCAC 2L STD = North Carolina Groundwater Standard established in Title 15A of North Carolina Administrative Code Subchapter 2L
SWSL = Solid Waste Section Limit
ND = None detected above laboratory method detection limit.
NS = Not Sampled, No sample exists for this sampling period

J = Estimated value above laboratory method detection limit and below SWSL or reporting limit.
B = Analyte found in associated field and/or laboratory blank.
* Solid Waste Section Groundwater Protection Standard

**Table 3**
**Historical Summary of Constituent Detections**
**Central Carolina Tire Monofill Landfill Phase I/II**
**Harnett County, North Carolina**
**Permit # 43-04**

| Sampling Date: | 2L Standard | 10/30/2002 | 4/15/2003 | 10/23/2003 | 3/24/2004 | 11/9/2004 | 6/23/2005 | 10/26/2005 | 3/30/2006 | 10/19/2006 | 4/18/2007 | 10/24/2007 | 4/29/2008 | 10/14/2008 | 4/22/2009 | 10/14/2009 | 4/29/2010 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well No: **MW-2** | | | | | | | | | | | | | | | | | |
| *Arsenic* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.43 JB | ND | ND | ND | ND | ND | ND |
| *Barium* | **700** | 94 | 130 | 113 | 135 | 170 | 180 | 170 | 152 | 110 | 92.1 JB | 162.0 | 97.5 JB | 86.7 JB | 115 B | 73.4 JB | 110.0 |
| *Cadmium* | **2** | ND | 1.4 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.29 J | 0.18 J |
| *Chromium* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 4.58 JB | 3.11 J | 2.03 JB | 1.77 JB | 2.91 JB | 2.67 JB | ND |
| *Lead* | **15** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.09 J | 3.97 J | ND | ND | 4.82 J | ND | 1.6 J |
| *Mercury* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| *Selenium* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3.98 J | ND | 8.75 J | ND | ND | ND | 3.3 J |
| *Silver* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.36 JB | 3.57 JB | 1.16 JB | 1.25 JB | ND |
| *1,4-Dichlorobenzene* | **6** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.23 J | ND |
| *Methylene Chloride* | **5** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.160 JB | ND | ND | ND |
| *Toluene* | **600** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.260 J | ND | ND | ND |
| *Total Xylenes* | **500** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.390 J | ND | ND | ND |

| Sampling Date: | 2L Standard | 10/30/2002 | 4/15/2003 | 10/23/2003 | 3/24/2004 | 11/9/2004 | 6/23/2005 | 10/26/2005 | 3/30/2006 | 10/19/2006 | 4/18/2007 | 10/24/2007 | 4/29/2008 | 10/14/2008 | 4/22/2009 | 10/14/2009 | 4/29/2010 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well No: **MW-3** | | | | | | | | | | | | | | | | | |
| *Arsenic* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | 3.3 J | 3.39 JB | ND | ND | ND | ND | ND | ND |
| *Barium* | **700** | 16 | 11 | 17 | 13 | ND | ND | ND | 30.5 | 34.1 | 20.0 JB | 38.4 J | 25.5 JB | 28.6 JB | 29.5 JB | 41.2 JB | 31.0 |
| *Cadmium* | **2** | ND | ND | ND | ND | ND | ND | 1 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| *Chromium* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.06 JB | 1.69 J | 2.62 JB | 2.62 JB | 4.29 JB | 2.95 JB | ND |
| *Lead* | **15** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.31 J | 3.60 J | ND | 3.77 J | 5.60 J | 7.01 J | 0.97 J |
| *Mercury* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.038 J | 0.133 J | 0.064 J | 0.090 J | 0.089 J | 0.36 | 0.056 J |
| *Selenium* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.79 J | ND | 9.5 J | ND | ND | ND | ND |
| *Silver* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.27 JB | 3.74 JB | 1.60 JB | ND | ND |
| *Acetone* | **6000** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 32.3 J | ND |
| *Benzene* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.610 J | ND | ND | 0.260 J | 0.55 J | ND |
| *4-Methyl-2-Pentanone* | **560** | ND | ND | ND | ND | ND | ND | ND | ND | 0.97 J | ND | ND | ND | ND | ND | 2.8 J | 0.56 J |
| *Vinyl Chloride* | **0.03** | ND | ND | ND | ND | ND | ND | ND | ND | **1.1** | ND | **0.490 J** | ND | ND | ND | ND | ND |
| *1,1-Dichloroethane* | **6** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.270 J | 0.620 J | ND | ND | 0.280 J | 0.47 J | ND |
| *C-1,2-Dichloroethene* | **70** | ND | ND | ND | ND | 1.5 | 1 | ND | 1.5 | 1.7 | 0.760 J | 2.04 J | ND | 0.230 J | 0.660 J | 1.21 J | 0.53 J |
| *Methylene Chloride* | **5** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.110 JB | ND | ND | ND |
| *Toluene* | **600** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.270 J | ND | ND | ND |
| *Total Xylenes* | **500** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.140 J | ND | 0.330 J | ND | ND | ND |

| Sampling Date: | 2L Standard | 10/30/2002 | 4/15/2003 | 10/23/2003 | 3/24/2004 | 11/9/2004 | 6/23/2005 | 10/26/2005 | 3/30/2006 | 10/19/2006 | 4/18/2007 | 10/24/2007 | 4/29/2008 | 10/14/2008 | 4/22/2009 | 10/14/2009 | 4/29/2010 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well No: **MW-4** | | | | | | | | | | | | | | | | | |
| *Arsenic* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | 2.9 J | 4.16 JB | ND | ND | ND | ND | ND | ND |
| *Barium* | **700** | 34 | 27 | 32 | 14 | ND | ND | ND | 23.7 | 20 | 20.9 JB | 24.3 J | 33.2 JB | 29.6 JB | 29.6 JB | 22.2 JB | 28.0 |
| *Cadmium* | **2** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.16 J | ND | 0.21 J | ND |
| *Chromium* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 4.09 JB | 3.11 J | 2.77 JB | ND | 3.40 JB | 2.86 JB | ND |
| *Lead* | **15** | ND | ND | 5 | ND | ND | ND | ND | ND | ND | 3.12 J | 6.11 J | ND | ND | ND | ND | ND |
| *Mercury* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| *Selenium* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3.73 J | ND | ND | ND | ND | ND | ND |
| *Silver* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.17 JB | 3.90 JB | 1.97 JB | 1.03 JB | ND |
| *Benzene* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.730 J | 0.540 J | 0.480 J | 0.220 J | 0.460 J | ND | 0.56 J |
| *Chloroethane* | **3000** | ND | ND | ND | ND | ND | 3.0 | ND | 4.2 | 1.6 | 3.59 J | 1.99 J | 2.35 J | 0.820 J | 2.55 J | ND | 1.3 J |
| *1,1-Dichloroethane* | **6** | ND | ND | ND | ND | ND | 3.0 | ND | 1.0 | ND | 0.350 J | 0.560 J | 0.210 J | ND | 0.160 J | ND | ND |
| *1,2-Dichloroethane* | **0.4** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| *C-1,2-Dichloroethene* | **70** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.210 J | 0.560 J | ND | ND | ND | ND | ND |
| *Toluene* | **600** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.310 J | ND | ND | ND |
| *Total Xylenes* | **500** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.110 J | ND | 0.540 J | ND | ND | ND |

| Sampling Date: | 2L Standard | 10/30/2002 | 4/15/2003 | 10/23/2003 | 3/24/2004 | 11/9/2004 | 6/23/2005 | 10/26/2005 | 3/30/2006 | 10/19/2006 | 4/18/2007 | 10/24/2007 | 4/29/2008 | 10/14/2008 | 4/22/2009 | 10/14/2009 | 4/29/2010 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well No: **MW-5** | | | | | | | | | | | | | | | | | |
| *Arsenic* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 4.83 JB | 1.93 J | ND | ND | ND | ND | ND |
| *Barium* | **700** | 16 | 23 | 24 | 15 | ND | ND | ND | ND | 19.3 | 58.2 JB | 32.3 J | 30.8 JB | 30.9 JB | 33.6 JB | 23.8 JB | 30.0 |
| *Cadmium* | **2** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| *Chromium* | **10** | ND | 7 | ND | ND | ND | ND | ND | ND | ND | 8.54 JB | 5.67 J | 1.58 JB | 1.25 JB | 4.10 JB | 2.39 JB | 0.60 J |
| *Lead* | **15** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 14.5 | 6.02 J | ND | ND | ND | ND | ND |
| *Mercury* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.058 J | ND | ND | ND | ND | ND | ND |
| *Selenium* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.42 J | ND | ND | ND | ND | ND | ND |
| *Silver* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.32 JB | 3.74 JB | 1.72 JB | ND | ND |
| *Bromoform* | **4** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.16 J | ND |
| *Toluene* | **600** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.210 J | ND | ND | ND |
| *Total Xylenes* | **500** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.280 J | ND | ND | ND |

| Sampling Date: | 2L Standard | 10/30/2002 | 4/15/2003 | 10/23/2003 | 3/24/2004 | 11/9/2004 | 6/23/2005 | 10/26/2005 | 3/30/2006 | 10/19/2006 | 4/18/2007 | 10/24/2007 | 4/29/2008 | 10/14/2008 | 4/22/2009 | 10/14/2009 | 4/29/2010 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well No: **MW-6** | | | | | | | | | | | | | | | | | |
| *Arsenic* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | 2.8 J | 2.25 JB | ND | ND | ND | 3.08 J | ND | ND |
| *Barium* | **700** | 33 | 47 | 48 | 44 | ND | ND | ND | 37.4 | 29.9 | 30.5 JB | 26.3 J | 36.1 JB | 34.1 JB | 30.1 JB | 21.3 JB | 13.0 |
| *Cadmium* | **2** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| *Chromium* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.05 JB | 1.31 J | 1.88 JB | ND | ND | 2.76 JB | 0.60 J |
| *Lead* | **15** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.62 J | 4.43 J | 6.14 J | 3.70 J | 3.50 J | ND | 0.74 J |
| *Mercury* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| *Selenium* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 4.75 J | ND | ND | ND | ND | ND | 2.8 J |
| *Silver* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.34 JB | 3.79 JB | 1.47 JB | 0.78 JB | ND |
| *Acetone* | **6000** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.74 J | 3.34 J | 6.0 J |
| *Benzene* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | **1.4** | **1.21** | **1.03** | 0.780 J | 0.880 J | 0.990 J | 0.81 J | 0.56 J |
| *Toluene* | **600** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.180 J | ND | ND | ND |
| *Total Xylenes* | **500** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.380 J | ND | ND | ND |

**Notes:**

Results in parts per billion (ppb)

ND - Not Detected above the laboratory method detection limit or practical quantitation limit (results prior to April 2007).

NA - Not analyzed for or not available

Values in boldface exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

Results for sampling conducted prior to April 2007 as presented in previous GW reports prepared by Withers & Ravenel.

J = Estimated value above laboratory method detection limit and below SWSL or reporting limit.

B = Analyte found in associated field and/or laboratory blank.

**Table 3 (Continued)**
**Historical Summary of Constituent Detections**
**Phase I/II Tire Monofill Landfill (Active)**
**Harnett County, North Carolina**

| Sampling Date: | 2L Standard | 10/30/2002 | 4/15/2003 | 10/23/2003 | 3/24/2004 | 11/9/2004 | 6/23/2005 | 10/26/2005 | 3/30/2006 | 10/19/2006 | 4/18/2007 | 10/24/2007 | 4/29/2008 | 10/14/2008 | 4/22/2009 | 10/14/2009 | 4/29/2010 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well No: **MW-7** | | | | | | | | | | | | | | | | | |
| *Arsenic* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3.88 JB | ND | ND | ND | ND | ND | ND |
| *Barium* | **700** | 45 | 45 | 119 | 102 | ND | ND | ND | 77 | 73.6 | 163 JB | 64.2 J | 70.7 JB | 61.8 JB | 63.0 JB | 70.0 JB | 67.0 |
| *Cadmium* | **2** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| *Chromium* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.47 JB | ND | 1.58 JB | 1.46 JB | 3.01 JB | 3.05 JB | ND |
| *Lead* | **15** | ND | ND | 5.3 | ND | ND | ND | ND | ND | 2.1 J | 10.60 | 6.54 J | 5.69 J | 4.02 JB | 5.74 JB | 6.97 J | 3.2 J |
| *Mercury* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.043 J | 0.097 J | 0.062 J | ND | ND | 0.117 J | 0.023 J |
| *Selenium* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3.05 J | ND | 7.96 J | ND | ND | ND | ND |
| *Silver* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.25 JB | 3.62 JB | 1.69 JB | 0.94 J | ND |
| *Benzene* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.790 J | 0.210 J | 0.250 J | 0.330 J | 0.61 J | ND |
| *1,1-Dichloroethane* | **6** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.150 J | ND | ND | ND | ND | ND |
| *Cis 1,2-Dichloroethene* | **70** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.240 J | ND | ND | ND | ND | ND |
| *Methylene Chloride* | **5** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.23 JB | ND |
| *Toluene* | **600** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.250 JB | 0.320 J | ND | ND | ND |
| *Total Xylenes* | **500** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.130 J | ND | 0.520 J | ND | 0.11 J | ND |

| Sampling Date: | 2L Standard | 10/30/2002 | 4/15/2003 | 10/23/2003 | 3/24/2004 | 11/9/2004 | 6/23/2005 | 10/26/2005 | 3/30/2006 | 10/19/2006 | 4/18/2007 | 10/24/2007 | 4/29/2008 | 10/14/2008 | 4/22/2009 | 10/14/2009 | 4/29/2010 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well No: **MW-8** | | | | | | | | | | | | | | | | | |
| *Arsenic* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.03 JB | ND | ND | ND | ND | ND | ND |
| *Barium* | **700** | 162 | 112 | 32 | 24 | ND | ND | ND | 41.5 | 42.5 | 32.1 JB | 41.4 J | 43.9 JB | 46.1 JB | 45.0 JB | 39.2 JB | 38.0 |
| *Cadmium* | **2** | ND | ND | ND | ND | ND | ND | ND | ND | 1.1 | ND | ND | ND | ND | ND | ND | ND |
| *Chromium* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.03 JB | 4.54 J | 2.33 JB | 1.25 JB | 3.20 JB | 2.95 JB | 0.56 J |
| *Lead* | **15** | 3 | 4 | ND | ND | ND | ND | ND | ND | ND | 1.04 J | 7.71 J | 7.42 J | ND | 6.30 J | ND | 1.1 J |
| *Mercury* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| *Selenium* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| *Silver* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.28 JB | 3.90 JB | 1.29 JB | 0.8 JB | ND |
| *Ethylbenzene* | **29** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.120 J | ND | ND | ND |
| *Tetrachloroethene* | **0.7** | ND | ND | ND | ND | ND | ND | ND | ND | **1.8** | 0.310 J | 0.550 J | **0.730 J** | **0.960 J** | **2.40** | **1.74 B** | **6.30** |
| *Toluene* | **600** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.450 J | ND | ND | ND |
| *Total Xylenes* | **500** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.700 J | ND | ND | ND |

| Sampling Date: | 2L Standard | 10/30/2002 | 4/15/2003 | 10/23/2003 | 3/24/2004 | 11/9/2004 | 6/23/2005 | 10/26/2005 | 3/30/2006 | 10/19/2006 | 4/18/2007 | 10/24/2007 | 4/29/2008 | 10/14/2008 | 4/22/2009 | 10/14/2009 | 4/29/2010 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well No: **MW-9** | | | | | | | | | | | | | | | | | |
| *Arsenic* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | 2.6 J | 2.88 JB | 5.04 J | ND | ND | ND | ND | **15** |
| *Barium* | **700** | 111 | 188 | 455 | 308 | 370 | 270 | 360 | 242 | 310 | 462 JB | 366.0 | 288 B | 50.1 JB | 210 B | 311 B | 680.0 |
| *Cadmium* | **2** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.21 J | 0.23 J |
| *Chromium* | **10** | 14 | ND | 5.3 | ND | ND | ND | ND | ND | ND | 5.71 JB | 1.24 J | 1.73 JB | 1.35 JB | 2.82 JB | 5.21 JB | 1.0 J |
| *Lead* | **15** | 8 | ND | 7.0 | ND | ND | ND | ND | ND | ND | 7.21 J | 6.84 J | 5.02 J | ND | ND | ND | 10.00 |
| *Mercury* | **1** | ND | ND | 0.8 | ND | ND | ND | ND | ND | ND | 0.83 | 0.077 J | ND | ND | ND | ND | 0.12 J |
| *Selenium* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | 2.2 J | 1.35 J | ND | ND | ND | ND | ND | ND |
| *Silver* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3.95 JB | 1.18 JB | ND | ND |
| *Bromoform* | **4** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.28 J | ND |
| *Ethylbenzene* | **600** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.210 J | ND | ND | ND |
| *Methylene Chloride* | **5** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.16 JB | ND |
| *Toluene* | **600** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.810 J | ND | ND | ND |
| *Total Xylenes* | **500** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.31 J | ND | ND | ND |

| Sampling Date: | 2L Standard | 10/30/2002 | 4/15/2003 | 10/23/2003 | 3/24/2004 | 11/9/2004 | 6/23/2005 | 10/26/2005 | 3/30/2006 | 10/19/2006 | 4/18/2007 | 10/24/2007 | 4/29/2008 | 10/14/2008 | 4/22/2009 | 10/14/2009 | 4/29/2010 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well No: **SW-1** | | | | | | | | | | | | | | | | | |
| *Arsenic* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | 2.2 J | 2.07 JB | 2.86 J | ND | 2.78 J | ND | ND | ND |
| *Barium* | **700** | 11 | 19 | 14 | 15 | ND | 100 | ND | ND | 17.6 | 18.7 JB | 25.5 J | 30.4 JB | 384 B | 36.2 JB | 21.1 JB | 19.00 |
| *Cadmium* | **2** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.370 J | 0.28 J | ND |
| *Chromium* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.76 JB | 2.66 J | 2.03 JB | 2.09 JB | 3.70 JB | 2.49 JB | 0.70 J |
| *Lead* | **15** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.39 J | 6.07 J | 7.11 J | 3.91 JB | ND | ND |
| *Mercury* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| *Selenium* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | 3.7 J | 1.96 J | ND | ND | ND | ND | ND | ND |
| *Silver* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.46 JB | 2.07 JB | 1.38 JB | 0.87 JB | ND |
| *Acetone* | **6000** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.51 JB | ND | ND | ND | ND |
| *Benzene* | **1** | ND | ND | ND | ND | ND | ND | 1.0 | ND | ND | ND | ND | ND | 0.260 J | ND | ND | ND |

| Sampling Date: | 2L Standard | 10/30/2002 | 4/15/2003 | 10/23/2003 | 3/24/2004 | 11/9/2004 | 6/23/2005 | 10/26/2005 | 3/30/2006 | 10/19/2006 | 4/18/2007 | 10/24/2007 | 4/29/2008 | 10/14/2008 | 4/22/2009 | 10/14/2009 | 4/29/2010 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well No: **SW-2** | | | | | | | | | | | | | | | | | |
| *Arsenic* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | 2.9 J | 1.70 JB | 2.92 J | ND | ND | ND | ND | ND |
| *Barium* | **700** | 38 | 26 | 12 | 13 | ND | ND | ND | ND | 21.1 | 31.1 JB | 14.3 J | 30.5 JB | 55.6 JB | 27.5 JB | 75.1 JB | 48.0 |
| *Cadmium* | **2** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.3 J | ND |
| *Chromium* | **10** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 6.09 JB | 5.66 | 2.47 JB | 2.82 JB | 2.82 JB | 11.6 B | 1.1 J |
| *Lead* | **15** | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.350 J | ND | 3.79 J | 6.25 J | 4.42 J | 21.3 | ND |
| *Mercury* | **1** | ND | ND | ND | ND | ND | ND | ND | ND | 0.15 | ND | ND | ND | ND | ND | ND | ND |
| *Selenium* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 4.2 J |
| *Silver* | **20** | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.24 JB | 3.73 JB | 1.58 JB | ND | ND |

**Notes:**

Results in parts per billion (ppb)

ND - Not Detected above the laboratory method detection limit or practical quantitation limit (results prior to April 2007).

NA - Not analyzed for or not available

Values in boldface exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

Results for sampling conducted prior to April 2007 as presented in previous GW reports prepared by Withers & Ravenel.

J = Estimated value above laboratory method detection limit and below SWSL or reporting limit.

B = Analyte found in associated field and/or laboratory blank.

# APPENDIX A

## Groundwater Sampling Forms

Well/Piezo ID: MW-2

# Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Sunny; 60°s Collector(s) Aaron Hill

Date: 4/28/10
Time: Start 1132 am/pm
Finish 1210 am/pm

**WATER LEVEL DATA: (measured from Top of Casing)**

Well ☒ Piezometer ☐

a. Total Well Length 20.00
b. Water Table Depth 4.27
c. Casing Material PVC
d. Casing Diameter 2"
e. Length of Water Column 15.73 (a-b)
f. Calculated Well Volume (see back) 2.6

**WELL PURGING DATA**

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 7.8
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

| Make | Model | Serial Number |
|---|---|---|
| OAKTON | PH/CON10 | |
| HACH | 2100P | |

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

| Time | Volume Removed (gal) | T° (C/F) | pH | Spec. Cond (umhos) | TURBIDITY | | Color | Odor | |
|---|---|---|---|---|---|---|---|---|---|
| 1136 | INT | 13.47 | 4.79 | 73 | 6.1 | | Clear | None | |
| 1145 | 3.0 | 13.43 | 4.72 | 79 | 56.6 | | | | |
| 1157 | 6.0 | 13.40 | 4.69 | 79 | 58.1 | | Tish | | |
| 1208 | 9.0 | 13.38 | 4.66 | 80 | 62.8 | | Tish | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

e. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☐ | ☐ | ☒ |
| Has required turbidity been reached | ☐ | ☐ | ☒ |
| Have parameters stabilized | ☒ | ☐ | ☒ |

If no or N/A - Explain below.

**SAMPLE COLLECTION:** Method: DISPOSABLE BAILER

| Sample ID | Container Type | No. of Containers | Preservation | Analysis | Time |
|---|---|---|---|---|---|
| 4304- MW2 | VOA | 3 | HCL | 8260 | 0925 |
| 4304- " | 500 ml PLASTIC | 1 | HN03 | RCRA METALS | " |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

4/29/10
Turb: 7.70

Comments

Signature [signature] Date 4/28/10

Well/Piezo ID: MW-3

# Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Sunny; 60's Collector(s) Aaron Hill

Date: 4/28/10
Time: Start 1050 am/pm
Finish 1125 am/pm

**WATER LEVEL DATA: (measured from Top of Casing)** Well ☒ Piezometer ☐

a. Total Well Length 20.00
b. Water Table Depth 9.38
c. Casing Material PVC
d. Casing Diameter 2"
e. Length of Water Column 10.62 (a-b)
f. Calculated Well Volume (see back) 1.7

**WELL PURGING DATA**

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 5.1
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

| Make | Model | Serial Number |
|---|---|---|
| OAKTON | PH/CON10 | |
| HACH | 2100P | |

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

| Time | Volume Removed (gal) | T° (C/F) | pH | Spec. Cond (umhos) | TURBIDITY | | Color | Odor | |
|---|---|---|---|---|---|---|---|---|---|
| 1054 | INT | 13.54 | 4.93 | 82 | 12.3 | | clear | NONE | |
| 1102 | 2.0 | 13.56 | 4.81 | 82 | 98 | | ↓ | ↓ | |
| 1113 | 4.0 | 13.59 | 4.80 | 82 | 124 | | ish | | |
| 1121 | 6.0 | 13.60 | 4.79 | 82 | 180 | | ish | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

e. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☐ | ☐ | ☒ |
| Has required turbidity been reached | ☐ | ☐ | ☒ |
| Have parameters stabilized | ☒ | ☐ | ☐ |

If no or N/A - Explain below.

**SAMPLE COLLECTION:** Method: DISPOSABLE BAILER

| Sample ID | Container Type | No. of Containers | Preservation | Analysis | Time |
|---|---|---|---|---|---|
| 4304-MW3 | VOA | 3 | HCL | 8260 | 0900 |
| 4304-MW3 | 500 ml PLASTIC | 1 | HN03 | RCRA METALS | " |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

4/29/10 Turb = 8.89

Comments

Signature Aaron Hill Date 4/28/10

Well/Piezo ID: MW-4

# Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Sunny; 60's Collector(s) Aaron Hill

Date: 4/28/10
Time: Start 1005 am/pm
Finish 1040 am/pm

**WATER LEVEL DATA: (measured from Top of Casing)**

Well ☒ Piezometer ☐

a. Total Well Length 20.00
b. Water Table Depth 4.38
c. Casing Material PVC
d. Casing Diameter 2"
e. Length of Water Column 15.62 (a-b)
f. Calculated Well Volume (see back) 2.5

**WELL PURGING DATA**

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 7.5
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

| Make | Model | Serial Number |
|---|---|---|
| OAKTON | PH/CON10 | |
| HACH | 2100P | |

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

| Time | Volume Removed (gal) | T° (C/F) | pH | Spec. Cond (umhos) | TURBIDITY | | Color | Odor | |
|---|---|---|---|---|---|---|---|---|---|
| 1009 | INT | 14.34 | 5.10 | 73 | 7.1 | | clear | None | |
| 1020 | 2.5 | 14.12 | 5.06 | 77 | 1000+ | | reddish | ↓ | |
| 1029 | 5.0 | 14.09 | 5.05 | 77 | 1000+ | | grey/brown | ↓ | |
| 1037 | 7.5 | 14.05 | 5.02 | 79 | 1000+ | | ↓ | ↓ | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

e. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☐ | ☐ | ☒ |
| Has required turbidity been reached | ☐ | ☐ | ☒ |
| Have parameters stabilized | ☒ | ☐ | ☐ |

If no or N/A - Explain below.

**SAMPLE COLLECTION:** Method: DISPOSABLE BAILER

| Sample ID | Container Type | No. of Containers | Preservation | Analysis | Time |
|---|---|---|---|---|---|
| 4304-MW-4 | VOA | 3 | HCL | 8260 | 0855 |
| 4304-MW-4 | 500 ml PLASTIC | 1 | HN03 | RCRA METALS | " |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

4/29/10
Turb: 9.26

Comments

Signature Aaron Hill Date 4/28/10

Well/Piezo ID: MW-5

# Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: 70° Sunny Collector(s) B. Charles

Date: 4/28/10
Time: Start 1435 am/pm
Finish 1540 am/pm

**WATER LEVEL DATA: (measured from Top of Casing)**

Well ☒ Piezometer ☐

a. Total Well Length 20.00
b. Water Table Depth 4.58
c. Casing Material PVC
d. Casing Diameter 2"
e. Length of Water Column 15.42 (a-b)
f. Calculated Well Volume (see back) 2.5

**WELL PURGING DATA**

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 7.5
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

| Make | Model | Serial Number |
|---|---|---|
| OAKTON | PH/CON10 | |
| HACH | 2100P | |

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

| Time | Volume Removed (gal) | T° (C/F) | pH | Spec. Cond (umhos) | TURBIDITY | | Color | Odor | |
|---|---|---|---|---|---|---|---|---|---|
| 1440 | INT | 15.4 | 5.54 | 97.8 | 11.8 | | Clear | None | |
| 1455 | 2.5 | 14.9 | 5.51 | 84.3 | 10.9 | | ↓ | ↓ | |
| 1520 | 5.0 | 14.1 | 5.53 | 79.9 | 12.8 | | | | |
| 1535 | 7.5 | 14.2 | 5.64 | 79.2 | 12.9 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

e. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☒ | ☐ | ☐ |
| Has required turbidity been reached | ☐ | ☐ | ☒ |
| Have parameters stabilized | ☒ | ☐ | ☐ |

If no or N/A - Explain below.

**SAMPLE COLLECTION:** Method: DISPOSABLE BAILER

| Sample ID | Container Type | No. of Containers | Preservation | Analysis | Time |
|---|---|---|---|---|---|
| 4304-MW5 | VOA | 3 | HCL | 8260 | 0945 |
| 4304-MW5 | 500 ml PLASTIC | 1 | HN03 | RCRA METALS | 0945 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

4/28/10
Turbidity: 8.36

Comments

Signature [signature] Date 4/28/10

Well/Piezo ID: MW-6

# Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: 78° Sunny Collector(s) B. Charles

Date: 4/28/10
Time: Start 1345 am/pm
Finish 1430 am/pm

**WATER LEVEL DATA: (measured from Top of Casing)** Well ☒ Piezometer ☐

a. Total Well Length 25.00 c. Casing Material PVC e. Length of Water Column 17.9 (a-b)

b. Water Table Depth 7.10 d. Casing Diameter 2" f. Calculated Well Volume (see back) 3.0

**WELL PURGING DATA**

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 9.0
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

| Make | Model | Serial Number |
|---|---|---|
| OAKTON | PH/CON10 | |
| HACH | 2100P | |

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

| Time | Volume Removed (gal) | T° (C/F) | pH | Spec. Cond (umhos) | TURBIDITY | | Color | Odor | |
|---|---|---|---|---|---|---|---|---|---|
| 1350 | INT | 14.1 | 4.90 | 78.8 | 39.4 | | None | None | |
| 1355 | 3.0 | 14.0 | 4.89 | 77.8 | 52.1 | | Clear | None | |
| 1410 | 6.0 | 13.8 | 4.88 | 76.7 | 46.3 | | Clear | None | |
| 1420 | 9.0 | 13.9 | 4.88 | 76.4 | 46.9 | | Clear | None | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

e. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☒ | ☐ | ☐ |
| Has required turbidity been reached | ☐ | ☐ | ☒ |
| Have parameters stabilized | ☒ | ☐ | ☐ |

If no or N/A - Explain below.

**SAMPLE COLLECTION:** Method: DISPOSABLE BAILER

| Sample ID | Container Type | No. of Containers | Preservation | Analysis | Time |
|---|---|---|---|---|---|
| 4304- | VOA | 3 | HCL | 8260 | 0940 |
| 4304- | 500 ml PLASTIC | 1 | HN03 | RCRA METALS | 0940 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

4/29/10 Turbidity: 6.98

Comments

Signature [signature] Date 4/28/10

Well/Piezo ID: MW-7

# Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: 70° Sunny Collector(s) D Charles

Date: 4/28/10
Time: Start 1300 am/pm
Finish 1330 am/pm

**WATER LEVEL DATA: (measured from Top of Casing)** Well ☒ Piezometer ☐

a. Total Well Length 20.00 c. Casing Material PVC e. Length of Water Column 13.79 (a-b)

b. Water Table Depth 6.21 d. Casing Diameter 2" f. Calculated Well Volume (see back) 2.2

**WELL PURGING DATA**

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 6.6
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

| Make | Model | Serial Number |
|---|---|---|
| OAKTON | PH/CON10 | |
| HACH | 2100P | |

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

| Time | Volume Removed (gal) | T° (C/F) | pH | Spec. Cond (umhos) | TURBIDITY | | Color | Odor | |
|---|---|---|---|---|---|---|---|---|---|
| 1305 | INI | 16.6 | 4.92 | 74.5 | 686 | | Brown | None | |
| 1310 | 2.2 | 14.9 | 4.69 | 68.9 | 681 | | ↓ | ↓ | |
| 1315 | 4.4 | 15.2 | 4.71 | 67.9 | 695 | | | | |
| 1320 | 6.8 | 14.8 | 4.70 | 65.2 | 701 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

e. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☒ | ☐ | ☐ |
| Has required turbidity been reached | ☐ | ☐ | ☒ |
| Have parameters stabilized | ☒ | ☐ | ☐ |

If no or N/A - Explain below.

**SAMPLE COLLECTION:** Method: DISPOSABLE BAILER

| Sample ID | Container Type | No. of Containers | Preservation | Analysis | Time |
|---|---|---|---|---|---|
| 4304- | VOA | 3 | HCL | 8260 | 0915 |
| 4304- | 500 ml PLASTIC | 1 | HN03 | RCRA METALS | 0915 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

4/29/10
Turbity: 5.32

Comments

Signature [signature] Date 4/28/10

Well/Piezo ID: MW-8

# Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Sunny; 60°s Collector(s) Aaron Hill

Date: 4/28/10
Time: Start 0930 am/pm
Finish 1000 am/pm

**WATER LEVEL DATA: (measured from Top of Casing)**

Well ☒ Piezometer ☐

a. Total Well Length 20.00
b. Water Table Depth 6.22
c. Casing Material PVC
d. Casing Diameter 2"
e. Length of Water Column 13.78 (a-b)
f. Calculated Well Volume (see back) 2.2

**WELL PURGING DATA**

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ _____ well volumes) 6.6
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

| Make | Model | Serial Number |
|---|---|---|
| OAKTON | PH/CON10 | |
| HACH | 2100P | |

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

| Time | Volume Removed (gal) | T° (C/F) | pH | Spec. Cond (umhos) | TURBIDITY | | Color | Odor | |
|---|---|---|---|---|---|---|---|---|---|
| 0934 | INT | 14.23 | 6.94 | 56 | 1.7 | | Clear | None | |
| 0942 | 2.5 | 14.10 | 4.92 | 48 | 782 | | TAN | | |
| 0950 | 5.0 | 14.07 | 4.89 | 48 | 1000+ | | | | |
| 0957 | 7.5 | 14.04 | 4.88 | 47 | 1000+ | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

e. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☒ | ☐ | ☐ |
| Has required turbidity been reached | ☐ | ☐ | ☒ |
| Have parameters stabilized | ☒ | ☐ | ☒ |

If no or N/A - Explain below.

**SAMPLE COLLECTION:** Method: DISPOSABLE BAILER

| Sample ID | Container Type | No. of Containers | Preservation | Analysis | Time |
|---|---|---|---|---|---|
| 4304-MW8 | VOA | 3 | HCL | 8260 | 0841 |
| 4304- " | 500 ml PLASTIC | 1 | HN03 | RCRA METALS | " |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

4/29/10
TRARB = TO.

Comments

Signature Aaron Hill Date 4/28/10

Well/Piezo ID: MW-9

# Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: 70° Sunny Collector(s) B. Chokes

Date: 4/28/10
Time: Start 1110 am/pm
Finish 1140 am/pm

**WATER LEVEL DATA: (measured from Top of Casing)** Well ☒ Piezometer ☐

a. Total Well Length 31.95 c. Casing Material PVC e. Length of Water Column 12.49 (a-b)

b. Water Table Depth 19.46 d. Casing Diameter 2" f. Calculated Well Volume (see back) 2.0

**WELL PURGING DATA**

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 6.0
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

| Make | Model | Serial Number |
|---|---|---|
| OAKTON | PH/CON10 | |
| HACH | 2100P | |

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

| Time | Volume Removed (gal) | T° (C/F) | pH | Spec. Cond (umhos) | TURBIDITY | | Color | Odor | |
|---|---|---|---|---|---|---|---|---|---|
| 1115 | Int | 15.3 | 4.14 | 746 | 1000+ | | Brown | None | |
| 1125 | 2.0 | 15.0 | 4.09 | 716 | ↓ | | ↓ | ↓ | |
| 1130 | 4.0 | 14.8 | 4.09 | 715 | | | | | |
| 1135 | 6.0 | 14.7 | 4.09 | 714 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

e. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☒ | ☐ | ☐ |
| Has required turbidity been reached | ☐ | ☒ | ☒ |
| Have parameters stabilized | ☒ | ☐ | ☐ |

If no or N/A - Explain below.

**SAMPLE COLLECTION:** Method: DISPOSABLE BAILER

| Sample ID | Container Type | No. of Containers | Preservation | Analysis | Time |
|---|---|---|---|---|---|
| 4304-MW9 | VOA | 3 | HCL | 8260 | 0955 |
| 4304-MW9 | 500 ml PLASTIC | 1 | HN03 | RCRA METALS | 0955 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

4/29/10
Turb.: 4.42

Comments

Signature

Date 4/28/10

# APPENDIX B

## Laboratory Reports
## And
## Chain-of-Custody Records

# Case Narrative

05/18/2010

Brian S. Boutin, PG
Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Lab Submittal Date: 04/30/2010
Prism Work Order: 0050014

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

**PRISM LABORATORIES, INC.**

President/Project Manager

Reviewed By

**Data Qualifiers Key Reference:**

| | |
|---|---|
| MI | Matrix spike outside of the control limits. Matrix interference suspected. |
| J | Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). |
| BRL | Below Reporting Limit |
| MDL | Method Detection Limit |
| RPD | Relative Percent Difference |
| * | Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J. |

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# Sample Receipt Summary

05/18/2010

Prism Work Order: 0050014

| Client Sample ID | Lab Sample ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| 4304-MW9 | 0050014-01 | Water | 04/29/10 | 04/30/10 |
| 4304-SW1 (EXP) | 0050014-02 | Water | 04/28/10 | 04/30/10 |
| 4304-MW18 | 0050014-03 | Water | 04/29/10 | 04/30/10 |
| 4304-MW11 | 0050014-04 | Water | 04/29/10 | 04/30/10 |
| 4304-MW16 | 0050014-05 | Water | 04/29/10 | 04/30/10 |
| 4304-MW14 | 0050014-06 | Water | 04/29/10 | 04/30/10 |
| 4304-MW17 | 0050014-07 | Water | 04/29/10 | 04/30/10 |
| 4304-MW12 | 0050014-08 | Water | 04/29/10 | 04/30/10 |
| 4304-MW13 | 0050014-09 | Water | 04/29/10 | 04/30/10 |
| 4304-EB01 | 0050014-10 | Water | 04/28/10 | 04/30/10 |
| 4304-MW8 | 0050014-11 | Water | 04/29/10 | 04/30/10 |
| 4304-MW4 | 0050014-12 | Water | 04/29/10 | 04/30/10 |
| 4304-MW3 | 0050014-13 | Water | 04/29/10 | 04/30/10 |
| 4304-MW2 | 0050014-14 | Water | 04/29/10 | 04/30/10 |
| 4304-MW7 | 0050014-15 | Water | 04/29/10 | 04/30/10 |
| 4304-MW6 | 0050014-16 | Water | 04/29/10 | 04/30/10 |
| 4304-SW2 | 0050014-17 | Water | 04/28/10 | 04/30/10 |
| 4304-SW1 | 0050014-18 | Water | 04/28/10 | 04/30/10 |
| 4304-MW5 | 0050014-19 | Water | 04/29/10 | 04/30/10 |
| 4304-MW10 | 0050014-20 | Water | 04/29/10 | 04/30/10 |
| TRIP BLANK | 0050014-21 | Water | 04/29/10 | 04/30/10 |

Samples received in good condition at 2.0 degrees C unless otherwise noted.

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW9
Prism Sample ID: 0050014-01
Prism Work Order: 0050014
Time Collected: 04/29/10 09:45
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| **Mercury** | **0.00012 J** | **mg/L** | **0.00020** | **0.0000084** | **1** | **7470A** | **5/14/10 16:02** | **RWF** | **P0E0331** |
| **Arsenic** | **0.015** | **mg/L** | **0.010** | **0.0019** | **1** | **6010C** | **5/4/10 18:06** | **DJS** | **P0E0066** |
| **Barium** | **0.68** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/4/10 18:06** | **DJS** | **P0E0066** |
| **Cadmium** | **0.00023 J** | **mg/L** | **0.0010** | **0.00015** | **1** | **6010C** | **5/4/10 18:06** | **DJS** | **P0E0066** |
| **Chromium** | **0.0010 J** | **mg/L** | **0.0050** | **0.00051** | **1** | **6010C** | **5/4/10 18:06** | **DJS** | **P0E0066** |
| **Lead** | **0.010** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/4/10 18:06** | **DJS** | **P0E0066** |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 18:06 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 18:06 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW9
Prism Sample ID: 0050014-01
Prism Work Order: 0050014
Time Collected: 04/29/10 09:45
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 7:53 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *108 %* | *80-124* |
| Dibromofluoromethane | *101 %* | *75-129* |
| Toluene-d8 | *116 %* | *77-123* |

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-SW1 (EXP)
Prism Sample ID: 0050014-02
Prism Work Order: 0050014
Time Collected: 04/28/10 14:30
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 16:21 | RWF | P0E0331 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/4/10 18:28 | DJS | P0E0066 |
| **Barium** | **0.012** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/4/10 18:28** | **DJS** | **P0E0066** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/4/10 18:28 | DJS | P0E0066 |
| Chromium | BRL | mg/L | 0.0050 | 0.00051 | 1 | 6010C | 5/4/10 18:28 | DJS | P0E0066 |
| **Lead** | **0.00076 J** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/4/10 18:28** | **DJS** | **P0E0066** |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 18:28 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 18:28 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-SW1 (EXP)
Prism Sample ID: 0050014-02
Prism Work Order: 0050014
Time Collected: 04/28/10 14:30
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/10/10 23:31 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *107 %* | *80-124* |
| Dibromofluoromethane | *102 %* | *75-129* |
| Toluene-d8 | *106 %* | *77-123* |

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**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW18
Prism Sample ID: 0050014-03
Prism Work Order: 0050014
Time Collected: 04/29/10 08:44
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 16:25 | RWF | P0E0331 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/4/10 18:33 | DJS | P0E0066 |
| **Barium** | **0.041** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/4/10 18:33** | **DJS** | **P0E0066** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/4/10 18:33 | DJS | P0E0066 |
| Chromium | BRL | mg/L | 0.0050 | 0.00051 | 1 | 6010C | 5/4/10 18:33 | DJS | P0E0066 |
| **Lead** | **0.00096 J** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/4/10 18:33** | **DJS** | **P0E0066** |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 18:33 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 18:33 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW18
Prism Sample ID: 0050014-03
Prism Work Order: 0050014
Time Collected: 04/29/10 08:44
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/10/10 23:57 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *101 %* | *80-124* |
| Dibromofluoromethane | *98 %* | *75-129* |
| Toluene-d8 | *103 %* | *77-123* |

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW11
Prism Sample ID: 0050014-04
Prism Work Order: 0050014
Time Collected: 04/29/10 09:04
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 16:29 | RWF | P0E0331 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/4/10 18:38 | DJS | P0E0066 |
| **Barium** | **0.065** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/4/10 18:38** | **DJS** | **P0E0066** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/4/10 18:38 | DJS | P0E0066 |
| Chromium | BRL | mg/L | 0.0050 | 0.00051 | 1 | 6010C | 5/4/10 18:38 | DJS | P0E0066 |
| Lead | BRL | mg/L | 0.0050 | 0.00057 | 1 | 6010C | 5/4/10 18:38 | DJS | P0E0066 |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 18:38 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 18:38 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW11
Prism Sample ID: 0050014-04
Prism Work Order: 0050014
Time Collected: 04/29/10 09:04
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 0:24 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *98 %* | *80-124* |
| Dibromofluoromethane | *94 %* | *75-129* |
| Toluene-d8 | *100 %* | *77-123* |

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW16
Prism Sample ID: 0050014-05
Prism Work Order: 0050014
Time Collected: 04/29/10 09:30
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 16:33 | RWF | P0E0331 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/4/10 19:02 | DJS | P0E0066 |
| **Barium** | **0.027** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/4/10 19:02** | **DJS** | **P0E0066** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/4/10 19:02 | DJS | P0E0066 |
| **Chromium** | **0.0010 J** | **mg/L** | **0.0050** | **0.00051** | **1** | **6010C** | **5/4/10 19:02** | **DJS** | **P0E0066** |
| **Lead** | **0.0011 J** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/4/10 19:02** | **DJS** | **P0E0066** |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 19:02 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 19:02 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW16
Prism Sample ID: 0050014-05
Prism Work Order: 0050014
Time Collected: 04/29/10 09:30
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 0:50 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *101 %* | *80-124* |
| Dibromofluoromethane | *97 %* | *75-129* |
| Toluene-d8 | *105 %* | *77-123* |

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**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW14
Prism Sample ID: 0050014-06
Prism Work Order: 0050014
Time Collected: 04/29/10 10:40
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 16:36 | RWF | P0E0331 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/4/10 19:06 | DJS | P0E0066 |
| **Barium** | **0.13** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/4/10 19:06** | **DJS** | **P0E0066** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/4/10 19:06 | DJS | P0E0066 |
| **Chromium** | **0.00090 J** | **mg/L** | **0.0050** | **0.00051** | **1** | **6010C** | **5/4/10 19:06** | **DJS** | **P0E0066** |
| **Lead** | **0.0017 J** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/4/10 19:06** | **DJS** | **P0E0066** |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 19:06 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 19:06 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW14
Prism Sample ID: 0050014-06
Prism Work Order: 0050014
Time Collected: 04/29/10 10:40
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 1:17 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *102 %* | *80-124* |
| Dibromofluoromethane | *98 %* | *75-129* |
| Toluene-d8 | *105 %* | *77-123* |

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**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW17
Prism Sample ID: 0050014-07
Prism Work Order: 0050014
Time Collected: 04/29/10 09:50
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 16:52 | RWF | P0E0331 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/4/10 19:11 | DJS | P0E0066 |
| **Barium** | **0.035** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/4/10 19:11** | **DJS** | **P0E0066** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/4/10 19:11 | DJS | P0E0066 |
| Chromium | BRL | mg/L | 0.0050 | 0.00051 | 1 | 6010C | 5/4/10 19:11 | DJS | P0E0066 |
| Lead | BRL | mg/L | 0.0050 | 0.00057 | 1 | 6010C | 5/4/10 19:11 | DJS | P0E0066 |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 19:11 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 19:11 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW17
Prism Sample ID: 0050014-07
Prism Work Order: 0050014
Time Collected: 04/29/10 09:50
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 1:43 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *97 %* | *80-124* |
| Dibromofluoromethane | *95 %* | *75-129* |
| Toluene-d8 | *101 %* | *77-123* |

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**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW12
Prism Sample ID: 0050014-08
Prism Work Order: 0050014
Time Collected: 04/29/10 10:20
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 16:56 | RWF | P0E0331 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/4/10 19:16 | DJS | P0E0066 |
| **Barium** | **0.0057 J** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/4/10 19:16** | **DJS** | **P0E0066** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/4/10 19:16 | DJS | P0E0066 |
| **Chromium** | **0.0016 J** | **mg/L** | **0.0050** | **0.00051** | **1** | **6010C** | **5/4/10 19:16** | **DJS** | **P0E0066** |
| **Lead** | **0.00081 J** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/4/10 19:16** | **DJS** | **P0E0066** |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 19:16 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 19:16 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW12
Prism Sample ID: 0050014-08
Prism Work Order: 0050014
Time Collected: 04/29/10 10:20
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 2:09 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *101 %* | *80-124* |
| Dibromofluoromethane | *98 %* | *75-129* |
| Toluene-d8 | *106 %* | *77-123* |

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW13
Prism Sample ID: 0050014-09
Prism Work Order: 0050014
Time Collected: 04/29/10 11:00
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 16:59 | RWF | P0E0331 |
| **Arsenic** | **0.0031 J** | **mg/L** | **0.010** | **0.0019** | **1** | **6010C** | **5/4/10 19:21** | **DJS** | **P0E0066** |
| **Barium** | **0.0074 J** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/4/10 19:21** | **DJS** | **P0E0066** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/4/10 19:21 | DJS | P0E0066 |
| **Chromium** | **0.0043 J** | **mg/L** | **0.0050** | **0.00051** | **1** | **6010C** | **5/4/10 19:21** | **DJS** | **P0E0066** |
| **Lead** | **0.0021 J** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/4/10 19:21** | **DJS** | **P0E0066** |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 19:21 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 19:21 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW13
Prism Sample ID: 0050014-09
Prism Work Order: 0050014
Time Collected: 04/29/10 11:00
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 2:36 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *108 %* | *80-124* |
| Dibromofluoromethane | *103 %* | *75-129* |
| Toluene-d8 | *112 %* | *77-123* |

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**449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543**
**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-EB01
Prism Sample ID: 0050014-10
Prism Work Order: 0050014
Time Collected: 04/28/10 15:00
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 17:03 | RWF | P0E0331 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/4/10 19:26 | DJS | P0E0066 |
| Barium | BRL | mg/L | 0.010 | 0.00064 | 1 | 6010C | 5/4/10 19:26 | DJS | P0E0066 |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/4/10 19:26 | DJS | P0E0066 |
| Chromium | BRL | mg/L | 0.0050 | 0.00051 | 1 | 6010C | 5/4/10 19:26 | DJS | P0E0066 |
| Lead | BRL | mg/L | 0.0050 | 0.00057 | 1 | 6010C | 5/4/10 19:26 | DJS | P0E0066 |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 19:26 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 19:26 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-EB01
Prism Sample ID: 0050014-10
Prism Work Order: 0050014
Time Collected: 04/28/10 15:00
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 3:02 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *111 %* | *80-124* |
| Dibromofluoromethane | *107 %* | *75-129* |
| Toluene-d8 | *116 %* | *77-123* |

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**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW8
Prism Sample ID: 0050014-11
Prism Work Order: 0050014
Time Collected: 04/29/10 08:40
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 17:07 | RWF | P0E0331 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/4/10 19:31 | DJS | P0E0066 |
| **Barium** | **0.038** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/4/10 19:31** | **DJS** | **P0E0066** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/4/10 19:31 | DJS | P0E0066 |
| **Chromium** | **0.00056 J** | **mg/L** | **0.0050** | **0.00051** | **1** | **6010C** | **5/4/10 19:31** | **DJS** | **P0E0066** |
| **Lead** | **0.0011 J** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/4/10 19:31** | **DJS** | **P0E0066** |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 19:31 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 19:31 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW8
Prism Sample ID: 0050014-11
Prism Work Order: 0050014
Time Collected: 04/29/10 08:40
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| **Tetrachloroethylene** | **6.3** | **ug/L** | **1.0** | **0.069** | **1** | **8260B** | **5/11/10 3:29** | **LMW** | **P0E0189** |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 3:29 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *108 %* | *80-124* |
| Dibromofluoromethane | *101 %* | *75-129* |
| Toluene-d8 | *111 %* | *77-123* |

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**449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543**
**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW4
Prism Sample ID: 0050014-12
Prism Work Order: 0050014
Time Collected: 04/29/10 08:55
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 17:26 | RWF | P0E0332 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/4/10 19:36 | DJS | P0E0066 |
| **Barium** | **0.028** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/4/10 19:36** | **DJS** | **P0E0066** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/4/10 19:36 | DJS | P0E0066 |
| Chromium | BRL | mg/L | 0.0050 | 0.00051 | 1 | 6010C | 5/4/10 19:36 | DJS | P0E0066 |
| Lead | BRL | mg/L | 0.0050 | 0.00057 | 1 | 6010C | 5/4/10 19:36 | DJS | P0E0066 |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 19:36 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 19:36 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| **Benzene** | **0.56 J** | **ug/L** | **1.0** | **0.072** | **1** | **8260B** | **5/11/10 3:55** | **LMW** | **P0E0189** |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| **Chloroethane** | **1.3 J** | **ug/L** | **5.0** | **0.13** | **1** | **8260B** | **5/11/10 3:55** | **LMW** | **P0E0189** |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW4
Prism Sample ID: 0050014-12
Prism Work Order: 0050014
Time Collected: 04/29/10 08:55
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 3:55 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *103 %* | *80-124* |
| Dibromofluoromethane | *99 %* | *75-129* |
| Toluene-d8 | *108 %* | *77-123* |

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**449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543**
**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW3
Prism Sample ID: 0050014-13
Prism Work Order: 0050014
Time Collected: 04/29/10 09:00
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| **Mercury** | **0.000056 J** | **mg/L** | **0.00020** | **0.0000084** | **1** | **7470A** | **5/14/10 17:45** | **RWF** | **P0E0332** |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/4/10 19:41 | DJS | P0E0066 |
| **Barium** | **0.031** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/4/10 19:41** | **DJS** | **P0E0066** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/4/10 19:41 | DJS | P0E0066 |
| Chromium | BRL | mg/L | 0.0050 | 0.00051 | 1 | 6010C | 5/4/10 19:41 | DJS | P0E0066 |
| **Lead** | **0.00097 J** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/4/10 19:41** | **DJS** | **P0E0066** |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/4/10 19:41 | DJS | P0E0066 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/4/10 19:41 | DJS | P0E0066 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| **cis-1,2-Dichloroethylene** | **0.53 J** | **ug/L** | **1.0** | **0.076** | **1** | **8260B** | **5/11/10 4:21** | **LMW** | **P0E0189** |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW3
Prism Sample ID: 0050014-13
Prism Work Order: 0050014
Time Collected: 04/29/10 09:00
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| **Methyl Isobutyl Ketone** | **0.56 J** | **ug/L** | **5.0** | **0.12** | **1** | **8260B** | **5/11/10 4:21** | **LMW** | **P0E0189** |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 4:21 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *108 %* | *80-124* |
| Dibromofluoromethane | *101 %* | *75-129* |
| Toluene-d8 | *113 %* | *77-123* |

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW2
Prism Sample ID: 0050014-14
Prism Work Order: 0050014
Time Collected: 04/29/10 09:25
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 17:49 | RWF | P0E0332 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/7/10 18:59 | DJS | P0E0156 |
| **Barium** | **0.11** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/7/10 18:59** | **DJS** | **P0E0156** |
| **Cadmium** | **0.00018 J** | **mg/L** | **0.0010** | **0.00015** | **1** | **6010C** | **5/7/10 18:59** | **DJS** | **P0E0156** |
| Chromium | BRL | mg/L | 0.0050 | 0.00051 | 1 | 6010C | 5/7/10 18:59 | DJS | P0E0156 |
| **Lead** | **0.0016 J** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/7/10 18:59** | **DJS** | **P0E0156** |
| **Selenium** | **0.0033 J** | **mg/L** | **0.020** | **0.0028** | **1** | **6010C** | **5/7/10 18:59** | **DJS** | **P0E0156** |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/7/10 18:59 | DJS | P0E0156 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW2
Prism Sample ID: 0050014-14
Prism Work Order: 0050014
Time Collected: 04/29/10 09:25
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 4:48 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *101 %* | *80-124* |
| Dibromofluoromethane | *94 %* | *75-129* |
| Toluene-d8 | *105 %* | *77-123* |

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**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW7
Prism Sample ID: 0050014-15
Prism Work Order: 0050014
Time Collected: 04/29/10 09:15
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| **Mercury** | **0.000023 J** | **mg/L** | **0.00020** | **0.0000084** | **1** | **7470A** | **5/14/10 17:53** | **RWF** | **P0E0332** |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/7/10 19:16 | DJS | P0E0156 |
| **Barium** | **0.067** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/7/10 19:16** | **DJS** | **P0E0156** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/7/10 19:16 | DJS | P0E0156 |
| Chromium | BRL | mg/L | 0.0050 | 0.00051 | 1 | 6010C | 5/7/10 19:16 | DJS | P0E0156 |
| **Lead** | **0.0032 J** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/7/10 19:16** | **DJS** | **P0E0156** |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/7/10 19:16 | DJS | P0E0156 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/7/10 19:16 | DJS | P0E0156 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW7
Prism Sample ID: 0050014-15
Prism Work Order: 0050014
Time Collected: 04/29/10 09:15
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 5:14 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *104 %* | *80-124* |
| Dibromofluoromethane | *97 %* | *75-129* |
| Toluene-d8 | *108 %* | *77-123* |

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**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW6
Prism Sample ID: 0050014-16
Prism Work Order: 0050014
Time Collected: 04/29/10 09:40
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 17:57 | RWF | P0E0332 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/7/10 19:21 | DJS | P0E0156 |
| **Barium** | **0.013** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/7/10 19:21** | **DJS** | **P0E0156** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/7/10 19:21 | DJS | P0E0156 |
| **Chromium** | **0.00060 J** | **mg/L** | **0.0050** | **0.00051** | **1** | **6010C** | **5/7/10 19:21** | **DJS** | **P0E0156** |
| **Lead** | **0.00074 J** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/7/10 19:21** | **DJS** | **P0E0156** |
| **Selenium** | **0.0028 J** | **mg/L** | **0.020** | **0.0028** | **1** | **6010C** | **5/7/10 19:21** | **DJS** | **P0E0156** |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/7/10 19:21 | DJS | P0E0156 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| **Acetone** | **6.0 J** | **ug/L** | **10** | **0.62** | **1** | **8260B** | **5/11/10 5:40** | **LMW** | **P0E0189** |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| **Benzene** | **0.56 J** | **ug/L** | **1.0** | **0.072** | **1** | **8260B** | **5/11/10 5:40** | **LMW** | **P0E0189** |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW6
Prism Sample ID: 0050014-16
Prism Work Order: 0050014
Time Collected: 04/29/10 09:40
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 5:40 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *106 %* | *80-124* |
| Dibromofluoromethane | *100 %* | *75-129* |
| Toluene-d8 | *111 %* | *77-123* |

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**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-SW2
Prism Sample ID: 0050014-17
Prism Work Order: 0050014
Time Collected: 04/28/10 15:10
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 18:08 | RWF | P0E0332 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/7/10 19:39 | DJS | P0E0156 |
| **Barium** | **0.048** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/7/10 19:39** | **DJS** | **P0E0156** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/7/10 19:39 | DJS | P0E0156 |
| **Chromium** | **0.0011 J** | **mg/L** | **0.0050** | **0.00051** | **1** | **6010C** | **5/7/10 19:39** | **DJS** | **P0E0156** |
| Lead | BRL | mg/L | 0.0050 | 0.00057 | 1 | 6010C | 5/7/10 19:39 | DJS | P0E0156 |
| **Selenium** | **0.0042 J** | **mg/L** | **0.020** | **0.0028** | **1** | **6010C** | **5/7/10 19:39** | **DJS** | **P0E0156** |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/7/10 19:39 | DJS | P0E0156 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-SW2
Prism Sample ID: 0050014-17
Prism Work Order: 0050014
Time Collected: 04/28/10 15:10
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 6:07 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *103 %* | *80-124* |
| Dibromofluoromethane | *98 %* | *75-129* |
| Toluene-d8 | *110 %* | *77-123* |

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**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-SW1
Prism Sample ID: 0050014-18
Prism Work Order: 0050014
Time Collected: 04/28/10 14:50
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 18:12 | RWF | P0E0332 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/7/10 19:45 | DJS | P0E0156 |
| **Barium** | **0.019** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/7/10 19:45** | **DJS** | **P0E0156** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/7/10 19:45 | DJS | P0E0156 |
| **Chromium** | **0.00070 J** | **mg/L** | **0.0050** | **0.00051** | **1** | **6010C** | **5/7/10 19:45** | **DJS** | **P0E0156** |
| Lead | BRL | mg/L | 0.0050 | 0.00057 | 1 | 6010C | 5/7/10 19:45 | DJS | P0E0156 |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/7/10 19:45 | DJS | P0E0156 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/7/10 19:45 | DJS | P0E0156 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-SW1
Prism Sample ID: 0050014-18
Prism Work Order: 0050014
Time Collected: 04/28/10 14:50
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 6:33 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *108 %* | *80-124* |
| Dibromofluoromethane | *102 %* | *75-129* |
| Toluene-d8 | *113 %* | *77-123* |

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**449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543**
**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW5
Prism Sample ID: 0050014-19
Prism Work Order: 0050014
Time Collected: 04/29/10 09:45
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| Mercury | BRL | mg/L | 0.00020 | 0.0000084 | 1 | 7470A | 5/14/10 18:16 | RWF | P0E0332 |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/7/10 19:49 | DJS | P0E0156 |
| **Barium** | **0.030** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/7/10 19:49** | **DJS** | **P0E0156** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/7/10 19:49 | DJS | P0E0156 |
| **Chromium** | **0.00060 J** | **mg/L** | **0.0050** | **0.00051** | **1** | **6010C** | **5/7/10 19:49** | **DJS** | **P0E0156** |
| Lead | BRL | mg/L | 0.0050 | 0.00057 | 1 | 6010C | 5/7/10 19:49 | DJS | P0E0156 |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/7/10 19:49 | DJS | P0E0156 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/7/10 19:49 | DJS | P0E0156 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW5
Prism Sample ID: 0050014-19
Prism Work Order: 0050014
Time Collected: 04/29/10 09:45
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 7:00 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *100 %* | *80-124* |
| Dibromofluoromethane | *95 %* | *75-129* |
| Toluene-d8 | *107 %* | *77-123* |

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**449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543**
**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW10
Prism Sample ID: 0050014-20
Prism Work Order: 0050014
Time Collected: 04/29/10 08:30
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| **Mercury** | **0.000093 J** | **mg/L** | **0.00020** | **0.0000084** | **1** | **7470A** | **5/14/10 18:20** | **RWF** | **P0E0332** |
| Arsenic | BRL | mg/L | 0.010 | 0.0019 | 1 | 6010C | 5/7/10 19:57 | DJS | P0E0156 |
| **Barium** | **0.022** | **mg/L** | **0.010** | **0.00064** | **1** | **6010C** | **5/7/10 19:57** | **DJS** | **P0E0156** |
| Cadmium | BRL | mg/L | 0.0010 | 0.00015 | 1 | 6010C | 5/7/10 19:57 | DJS | P0E0156 |
| **Chromium** | **0.00055 J** | **mg/L** | **0.0050** | **0.00051** | **1** | **6010C** | **5/7/10 19:57** | **DJS** | **P0E0156** |
| **Lead** | **0.00071 J** | **mg/L** | **0.0050** | **0.00057** | **1** | **6010C** | **5/7/10 19:57** | **DJS** | **P0E0156** |
| Selenium | BRL | mg/L | 0.020 | 0.0028 | 1 | 6010C | 5/7/10 19:57 | DJS | P0E0156 |
| Silver | BRL | mg/L | 0.0050 | 0.00036 | 1 | 6010C | 5/7/10 19:57 | DJS | P0E0156 |
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Chloromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |

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# Laboratory Report

05/18/2010

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: 4304-MW10
Prism Sample ID: 0050014-20
Prism Work Order: 0050014
Time Collected: 04/29/10 08:30
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/11/10 7:26 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *104 %* | *80-124* |
| Dibromofluoromethane | *96 %* | *75-129* |
| Toluene-d8 | *112 %* | *77-123* |

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**449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543**
**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: TRIP BLANK
Prism Sample ID: 0050014-21
Prism Work Order: 0050014
Time Collected: 04/29/10 00:00
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by GC/MS** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.15 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| 1,1,1-Trichloroethane | BRL | ug/L | 1.0 | 0.063 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| 1,1,2,2-Tetrachloroethane | BRL | ug/L | 1.0 | 0.071 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| 1,1,2-Trichloroethane | BRL | ug/L | 1.0 | 0.17 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| 1,1-Dichloroethane | BRL | ug/L | 1.0 | 0.096 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| 1,1-Dichloroethylene | BRL | ug/L | 1.0 | 0.078 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| 1,2,3-Trichloropropane | BRL | ug/L | 1.0 | 0.081 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| 1,2-Dibromo-3-chloropropane | BRL | ug/L | 2.0 | 0.59 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| 1,2-Dibromoethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| 1,2-Dichlorobenzene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| 1,2-Dichloroethane | BRL | ug/L | 1.0 | 0.14 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| 1,2-Dichloropropane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| 1,4-Dichlorobenzene | BRL | ug/L | 1.0 | 0.068 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Acetone | BRL | ug/L | 10 | 0.62 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Acrylonitrile | BRL | ug/L | 100 | 0.86 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Benzene | BRL | ug/L | 1.0 | 0.072 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Bromochloromethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Bromodichloromethane | BRL | ug/L | 1.0 | 0.062 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Bromoform | BRL | ug/L | 1.0 | 0.27 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Bromomethane | BRL | ug/L | 3.0 | 0.47 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Carbon disulfide | BRL | ug/L | 5.0 | 1.4 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Carbon Tetrachloride | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Chlorobenzene | BRL | ug/L | 1.0 | 0.061 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Chloroethane | BRL | ug/L | 5.0 | 0.13 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Chloroform | BRL | ug/L | 1.0 | 0.089 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| **Chloromethane** | **0.56 J** | **ug/L** | **2.0** | **0.11** | **1** | **8260B** | **5/10/10 23:05** | **LMW** | **P0E0189** |
| cis-1,2-Dichloroethylene | BRL | ug/L | 1.0 | 0.076 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| cis-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.10 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Dibromochloromethane | BRL | ug/L | 1.0 | 0.30 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Dibromomethane | BRL | ug/L | 1.0 | 0.13 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Dichlorodifluoromethane | BRL | ug/L | 2.0 | 0.11 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Ethylbenzene | BRL | ug/L | 1.0 | 0.067 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| m,p-Xylenes | BRL | ug/L | 2.0 | 0.081 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Methyl Butyl Ketone (2-Hexanone) | BRL | ug/L | 5.0 | 0.19 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Methyl Ethyl Ketone (2-Butanone) | BRL | ug/L | 5.0 | 0.90 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Methyl Iodide | BRL | ug/L | 5.0 | 0.14 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Methyl Isobutyl Ketone | BRL | ug/L | 5.0 | 0.12 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Methylene Chloride | BRL | ug/L | 2.0 | 0.44 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| o-Xylene | BRL | ug/L | 1.0 | 0.046 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Styrene | BRL | ug/L | 1.0 | 0.047 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Tetrachloroethylene | BRL | ug/L | 1.0 | 0.069 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Toluene | BRL | ug/L | 1.0 | 0.042 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Sample Matrix: Water

Client Sample ID: TRIP BLANK
Prism Sample ID: 0050014-21
Prism Work Order: 0050014
Time Collected: 04/29/10 00:00
Time Submitted: 04/30/10 13:45

| Parameter | Result | Units | Report Limit | MDL | Dilution Factor | Method | Analysis Date/Time | Analyst | Batch ID |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethylene | BRL | ug/L | 2.0 | 0.12 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| trans-1,3-Dichloropropylene | BRL | ug/L | 1.0 | 0.043 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| trans-1,4-Dichloro-2-butene | BRL | ug/L | 10 | 0.40 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Trichloroethylene | BRL | ug/L | 2.0 | 0.054 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Trichlorofluoromethane | BRL | ug/L | 2.0 | 0.088 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Vinyl acetate | BRL | ug/L | 20 | 0.10 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Vinyl chloride | BRL | ug/L | 2.0 | 0.16 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |
| Xylenes, total | BRL | ug/L | 3.0 | 0.13 | 1 | 8260B | 5/10/10 23:05 | LMW | P0E0189 |

| Surrogate | Recovery | Control Limits |
|---|---|---|
| 4-Bromofluorobenzene | *102 %* | *80-124* |
| Dibromofluoromethane | *98 %* | *75-129* |
| Toluene-d8 | *102 %* | *77-123* |

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**449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543**
**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Prism Work Order: 0050014
Time Submitted: 4/30/10 1:45:00PM

**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch P0E0189 - 5030B** | | | | | | | | | | |
| **Blank (P0E0189-BLK1)** | | | | Prepared & Analyzed: 05/10/10 | | | | | | |
| 1,1,1,2-Tetrachloroethane | BRL | 1.0 | ug/L | | | | | | | |
| 1,1,1-Trichloroethane | BRL | 1.0 | ug/L | | | | | | | |
| 1,1,2,2-Tetrachloroethane | BRL | 1.0 | ug/L | | | | | | | |
| 1,1,2-Trichloroethane | BRL | 1.0 | ug/L | | | | | | | |
| 1,1-Dichloroethane | BRL | 1.0 | ug/L | | | | | | | |
| 1,1-Dichloroethylene | BRL | 1.0 | ug/L | | | | | | | |
| 1,2,3-Trichloropropane | BRL | 1.0 | ug/L | | | | | | | |
| 1,2-Dibromo-3-chloropropane | BRL | 2.0 | ug/L | | | | | | | |
| 1,2-Dibromoethane | BRL | 1.0 | ug/L | | | | | | | |
| 1,2-Dichlorobenzene | BRL | 1.0 | ug/L | | | | | | | |
| 1,2-Dichloroethane | BRL | 1.0 | ug/L | | | | | | | |
| 1,2-Dichloropropane | BRL | 1.0 | ug/L | | | | | | | |
| 1,4-Dichlorobenzene | BRL | 1.0 | ug/L | | | | | | | |
| Acetone | BRL | 10 | ug/L | | | | | | | |
| Acrylonitrile | BRL | 100 | ug/L | | | | | | | |
| Benzene | BRL | 1.0 | ug/L | | | | | | | |
| Bromochloromethane | BRL | 1.0 | ug/L | | | | | | | |
| Bromodichloromethane | BRL | 1.0 | ug/L | | | | | | | |
| Bromoform | BRL | 1.0 | ug/L | | | | | | | |
| Bromomethane | BRL | 3.0 | ug/L | | | | | | | |
| Carbon disulfide | BRL | 5.0 | ug/L | | | | | | | |
| Carbon Tetrachloride | BRL | 2.0 | ug/L | | | | | | | |
| Chlorobenzene | BRL | 1.0 | ug/L | | | | | | | |
| Chloroethane | BRL | 5.0 | ug/L | | | | | | | |
| Chloroform | BRL | 1.0 | ug/L | | | | | | | |
| Chloromethane | BRL | 2.0 | ug/L | | | | | | | |
| cis-1,2-Dichloroethylene | BRL | 1.0 | ug/L | | | | | | | |
| cis-1,3-Dichloropropylene | BRL | 1.0 | ug/L | | | | | | | |
| Dibromochloromethane | BRL | 1.0 | ug/L | | | | | | | |
| Dibromomethane | BRL | 1.0 | ug/L | | | | | | | |
| Dichlorodifluoromethane | BRL | 2.0 | ug/L | | | | | | | |
| Ethylbenzene | BRL | 1.0 | ug/L | | | | | | | |
| m,p-Xylenes | BRL | 2.0 | ug/L | | | | | | | |
| Methyl Butyl Ketone (2-Hexanone) | BRL | 5.0 | ug/L | | | | | | | |
| Methyl Ethyl Ketone (2-Butanone) | BRL | 5.0 | ug/L | | | | | | | |
| Methyl Iodide | BRL | 5.0 | ug/L | | | | | | | |
| Methyl Isobutyl Ketone | BRL | 5.0 | ug/L | | | | | | | |
| Methylene Chloride | BRL | 2.0 | ug/L | | | | | | | |
| o-Xylene | BRL | 1.0 | ug/L | | | | | | | |
| Styrene | BRL | 1.0 | ug/L | | | | | | | |
| Tetrachloroethylene | BRL | 1.0 | ug/L | | | | | | | |
| Toluene | BRL | 1.0 | ug/L | | | | | | | |
| trans-1,2-Dichloroethylene | BRL | 2.0 | ug/L | | | | | | | |
| trans-1,3-Dichloropropylene | BRL | 1.0 | ug/L | | | | | | | |
| trans-1,4-Dichloro-2-butene | BRL | 10 | ug/L | | | | | | | |
| Trichloroethylene | BRL | 2.0 | ug/L | | | | | | | |

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Prism Work Order: 0050014
Time Submitted: 4/30/10 1:45:00PM

**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch P0E0189 - 5030B** | | | | | | | | | | |
| **Blank (P0E0189-BLK1)** | | | | Prepared & Analyzed: 05/10/10 | | | | | | |
| Trichlorofluoromethane | BRL | 2.0 | ug/L | | | | | | | |
| Vinyl acetate | BRL | 20 | ug/L | | | | | | | |
| Vinyl chloride | BRL | 2.0 | ug/L | | | | | | | |
| Xylenes, total | BRL | 3.0 | ug/L | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *26.3* | | *ug/L* | *25.0* | | *105* | *80-124* | | | |
| *Surrogate: Dibromofluoromethane* | *25.4* | | *ug/L* | *25.0* | | *102* | *75-129* | | | |
| *Surrogate: Toluene-d8* | *26.2* | | *ug/L* | *25.0* | | *105* | *77-123* | | | |
| **LCS (P0E0189-BS1)** | | | | Prepared & Analyzed: 05/10/10 | | | | | | |
| 1,1-Dichloroethylene | 52.9 | 1.0 | ug/L | 50.0 | | 106 | 70-154 | | | |
| Benzene | 56.1 | 1.0 | ug/L | 50.0 | | 112 | 77-128 | | | |
| Chlorobenzene | 54.0 | 1.0 | ug/L | 50.0 | | 108 | 78-119 | | | |
| Toluene | 55.1 | 1.0 | ug/L | 50.0 | | 110 | 76-131 | | | |
| Trichloroethylene | 61.0 | 2.0 | ug/L | 50.0 | | 122 | 77-133 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *23.9* | | *ug/L* | *25.0* | | *96* | *80-124* | | | |
| *Surrogate: Dibromofluoromethane* | *23.3* | | *ug/L* | *25.0* | | *93* | *75-129* | | | |
| *Surrogate: Toluene-d8* | *25.0* | | *ug/L* | *25.0* | | *100* | *77-123* | | | |
| **Matrix Spike (P0E0189-MS1)** | | **Source: 0050014-14** | | Prepared & Analyzed: 05/10/10 | | | | | | |
| 1,1-Dichloroethylene | 503 | 10 | ug/L | 500 | BRL | 101 | 65-162 | | | |
| Benzene | 534 | 10 | ug/L | 500 | BRL | 107 | 73-131 | | | |
| Chlorobenzene | 521 | 10 | ug/L | 500 | BRL | 104 | 76-119 | | | |
| Toluene | 526 | 10 | ug/L | 500 | BRL | 105 | 72-135 | | | |
| Trichloroethylene | 538 | 20 | ug/L | 500 | BRL | 108 | 72-133 | | | |
| *Surrogate: 4-Bromofluorobenzene* | *24.9* | | *ug/L* | *25.0* | | *100* | *80-124* | | | |
| *Surrogate: Dibromofluoromethane* | *24.8* | | *ug/L* | *25.0* | | *99* | *75-129* | | | |
| *Surrogate: Toluene-d8* | *26.0* | | *ug/L* | *25.0* | | *104* | *77-123* | | | |

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**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Prism Work Order: 0050014
Time Submitted: 4/30/10 1:45:00PM

**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch P0E0189 - 5030B** | | | | | | | | | | |
| **Matrix Spike Dup (P0E0189-MSD1)** | | **Source: 0050014-14** | | Prepared & Analyzed: 05/10/10 | | | | | | |
| 1,1-Dichloroethylene | 497 | 10 | ug/L | 500 | BRL | 99 | 65-162 | 1 | 20 | |
| Benzene | 537 | 10 | ug/L | 500 | BRL | 107 | 73-131 | 0.5 | 17 | |
| Chlorobenzene | 530 | 10 | ug/L | 500 | BRL | 106 | 76-119 | 2 | 20 | |
| Toluene | 526 | 10 | ug/L | 500 | BRL | 105 | 72-135 | 0.2 | 18 | |
| Trichloroethylene | 539 | 20 | ug/L | 500 | BRL | 108 | 72-133 | 0.06 | 17 | |
| *Surrogate: 4-Bromofluorobenzene* | *26.3* | | *ug/L* | *25.0* | | *105* | *80-124* | | | |
| *Surrogate: Dibromofluoromethane* | *25.7* | | *ug/L* | *25.0* | | *103* | *75-129* | | | |
| *Surrogate: Toluene-d8* | *27.6* | | *ug/L* | *25.0* | | *111* | *77-123* | | | |

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**Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409**

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Prism Work Order: 0050014
Time Submitted: 4/30/10 1:45:00PM

**Total Metals - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch P0E0066 - 3010A** | | | | | | | | | | |
| **Blank (P0E0066-BLK1)** | | | | Prepared & Analyzed: 05/04/10 | | | | | | |
| Arsenic | BRL | 0.010 | mg/L | | | | | | | |
| Barium | BRL | 0.010 | mg/L | | | | | | | |
| Cadmium | BRL | 0.0010 | mg/L | | | | | | | |
| Chromium | BRL | 0.0050 | mg/L | | | | | | | |
| Lead | BRL | 0.0050 | mg/L | | | | | | | |
| Selenium | BRL | 0.020 | mg/L | | | | | | | |
| Silver | BRL | 0.0050 | mg/L | | | | | | | |
| **LCS (P0E0066-BS1)** | | | | Prepared & Analyzed: 05/04/10 | | | | | | |
| Arsenic | 0.249 | 0.010 | mg/L | 0.250 | | 99 | 80-120 | | | |
| Barium | 0.251 | 0.010 | mg/L | 0.250 | | 100 | 80-120 | | | |
| Cadmium | 0.247 | 0.0010 | mg/L | 0.250 | | 99 | 80-120 | | | |
| Chromium | 0.240 | 0.0050 | mg/L | 0.250 | | 96 | 80-120 | | | |
| Lead | 0.249 | 0.0050 | mg/L | 0.250 | | 100 | 80-120 | | | |
| Selenium | 0.249 | 0.020 | mg/L | 0.250 | | 100 | 80-120 | | | |
| Silver | 0.251 | 0.0050 | mg/L | 0.250 | | 100 | 80-120 | | | |
| **Matrix Spike (P0E0066-MS1)** | | **Source: 0050014-01** | | Prepared & Analyzed: 05/04/10 | | | | | | |
| Arsenic | 0.259 | 0.010 | mg/L | 0.250 | 0.0148 | 98 | 75-125 | | | |
| Barium | 0.926 | 0.010 | mg/L | 0.250 | 0.677 | 100 | 75-125 | | | |
| Cadmium | 0.238 | 0.0010 | mg/L | 0.250 | 0.000230 | 95 | 75-125 | | | |
| Chromium | 0.227 | 0.0050 | mg/L | 0.250 | 0.000996 | 91 | 75-125 | | | |
| Lead | 0.242 | 0.0050 | mg/L | 0.250 | 0.0102 | 93 | 75-125 | | | |
| Selenium | 0.244 | 0.020 | mg/L | 0.250 | BRL | 97 | 75-125 | | | |
| Silver | 0.235 | 0.0050 | mg/L | 0.250 | BRL | 94 | 75-125 | | | |
| **Matrix Spike Dup (P0E0066-MSD1)** | | **Source: 0050014-01** | | Prepared & Analyzed: 05/04/10 | | | | | | |
| Arsenic | 0.256 | 0.010 | mg/L | 0.250 | 0.0148 | 96 | 75-125 | 1 | 20 | |
| Barium | 0.914 | 0.010 | mg/L | 0.250 | 0.677 | 95 | 75-125 | 1 | 20 | |
| Cadmium | 0.237 | 0.0010 | mg/L | 0.250 | 0.000230 | 95 | 75-125 | 0.5 | 20 | |
| Chromium | 0.227 | 0.0050 | mg/L | 0.250 | 0.000996 | 90 | 75-125 | 0.3 | 20 | |
| Lead | 0.241 | 0.0050 | mg/L | 0.250 | 0.0102 | 92 | 75-125 | 0.4 | 20 | |
| Selenium | 0.243 | 0.020 | mg/L | 0.250 | BRL | 97 | 75-125 | 0.1 | 20 | |
| Silver | 0.235 | 0.0050 | mg/L | 0.250 | BRL | 94 | 75-125 | 0.3 | 20 | |

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Prism Work Order: 0050014
Time Submitted: 4/30/10 1:45:00PM

**Total Metals - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch P0E0156 - 3010A** | | | | | | | | | | |
| **Blank (P0E0156-BLK1)** | | | | Prepared & Analyzed: 05/07/10 | | | | | | |
| Arsenic | BRL | 0.010 | mg/L | | | | | | | |
| Barium | BRL | 0.010 | mg/L | | | | | | | |
| Cadmium | BRL | 0.0010 | mg/L | | | | | | | |
| Chromium | 0.000515 | 0.0050 | mg/L | | | | | | | J |
| Lead | BRL | 0.0050 | mg/L | | | | | | | |
| Selenium | BRL | 0.020 | mg/L | | | | | | | |
| Silver | BRL | 0.0050 | mg/L | | | | | | | |
| **LCS (P0E0156-BS1)** | | | | Prepared & Analyzed: 05/07/10 | | | | | | |
| Arsenic | 0.258 | 0.010 | mg/L | 0.250 | | 103 | 80-120 | | | |
| Barium | 0.263 | 0.010 | mg/L | 0.250 | | 105 | 80-120 | | | |
| Cadmium | 0.258 | 0.0010 | mg/L | 0.250 | | 103 | 80-120 | | | |
| Chromium | 0.262 | 0.0050 | mg/L | 0.250 | | 105 | 80-120 | | | |
| Lead | 0.261 | 0.0050 | mg/L | 0.250 | | 104 | 80-120 | | | |
| Selenium | 0.257 | 0.020 | mg/L | 0.250 | | 103 | 80-120 | | | |
| Silver | 0.263 | 0.0050 | mg/L | 0.250 | | 105 | 80-120 | | | |
| **Matrix Spike (P0E0156-MS1)** | | **Source: 0050014-14** | | Prepared & Analyzed: 05/07/10 | | | | | | |
| Arsenic | 0.258 | 0.010 | mg/L | 0.250 | BRL | 103 | 75-125 | | | |
| Barium | 0.376 | 0.010 | mg/L | 0.250 | 0.115 | 104 | 75-125 | | | |
| Cadmium | 0.258 | 0.0010 | mg/L | 0.250 | 0.000178 | 103 | 75-125 | | | |
| Chromium | 0.259 | 0.0050 | mg/L | 0.250 | BRL | 103 | 75-125 | | | |
| Lead | 0.263 | 0.0050 | mg/L | 0.250 | 0.00162 | 104 | 75-125 | | | |
| Selenium | 0.258 | 0.020 | mg/L | 0.250 | 0.00332 | 102 | 75-125 | | | |
| Silver | 0.259 | 0.0050 | mg/L | 0.250 | BRL | 103 | 75-125 | | | |
| **Matrix Spike Dup (P0E0156-MSD1)** | | **Source: 0050014-14** | | Prepared & Analyzed: 05/07/10 | | | | | | |
| Arsenic | 0.252 | 0.010 | mg/L | 0.250 | BRL | 101 | 75-125 | 2 | 20 | |
| Barium | 0.368 | 0.010 | mg/L | 0.250 | 0.115 | 101 | 75-125 | 2 | 20 | |
| Cadmium | 0.253 | 0.0010 | mg/L | 0.250 | 0.000178 | 101 | 75-125 | 2 | 20 | |
| Chromium | 0.252 | 0.0050 | mg/L | 0.250 | BRL | 101 | 75-125 | 3 | 20 | |
| Lead | 0.257 | 0.0050 | mg/L | 0.250 | 0.00162 | 102 | 75-125 | 2 | 20 | |
| Selenium | 0.251 | 0.020 | mg/L | 0.250 | 0.00332 | 99 | 75-125 | 3 | 20 | |
| Silver | 0.253 | 0.0050 | mg/L | 0.250 | BRL | 101 | 75-125 | 2 | 20 | |

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Prism Work Order: 0050014
Time Submitted: 4/30/10 1:45:00PM

**Total Metals - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch P0E0331 - 7470A** | | | | | | | | | | |
| **Blank (P0E0331-BLK1)** | | | | Prepared & Analyzed: 05/14/10 | | | | | | |
| Mercury | BRL | 0.00020 | mg/L | | | | | | | |
| **LCS (P0E0331-BS1)** | | | | Prepared & Analyzed: 05/14/10 | | | | | | |
| Mercury | 0.00955 | 0.00020 | mg/L | 0.00938 | | 102 | 80-120 | | | |
| **Matrix Spike (P0E0331-MS1)** | | **Source: 0050014-01** | | Prepared & Analyzed: 05/14/10 | | | | | | |
| Mercury | 0.00937 | 0.00020 | mg/L | 0.00938 | 0.000116 | 99 | 80-120 | | | |
| **Matrix Spike Dup (P0E0331-MSD1)** | | **Source: 0050014-01** | | Prepared & Analyzed: 05/14/10 | | | | | | |
| Mercury | 0.00956 | 0.00020 | mg/L | 0.00938 | 0.000116 | 101 | 80-120 | 2 | 20 | |
| **Batch P0E0332 - 7470A** | | | | | | | | | | |
| **Blank (P0E0332-BLK1)** | | | | Prepared & Analyzed: 05/14/10 | | | | | | |
| Mercury | BRL | 0.00020 | mg/L | | | | | | | |
| **LCS (P0E0332-BS1)** | | | | Prepared & Analyzed: 05/14/10 | | | | | | |
| Mercury | 0.00996 | 0.00020 | mg/L | 0.00938 | | 106 | 80-120 | | | |
| **Matrix Spike (P0E0332-MS1)** | | **Source: 0050014-12** | | Prepared & Analyzed: 05/14/10 | | | | | | |
| Mercury | 0.00539 | 0.00020 | mg/L | 0.00938 | BRL | 57 | 80-120 | | | MI |
| **Matrix Spike Dup (P0E0332-MSD1)** | | **Source: 0050014-12** | | Prepared & Analyzed: 05/14/10 | | | | | | |
| Mercury | 0.00543 | 0.00020 | mg/L | 0.00938 | BRL | 58 | 80-120 | 0.8 | 20 | MI |

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## Sample Extraction Data

**Prep Method: 3010A**

| Lab Number | Batch | Initial | Final | Date |
|---|---|---|---|---|
| 0050014-01 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-02 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-03 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-04 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-05 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-06 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-07 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-08 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-09 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-10 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-11 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-12 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-13 | P0E0066 | 50 mL | 50 mL | 05/04/10 |
| 0050014-14 | P0E0156 | 50 mL | 50 mL | 05/07/10 |
| 0050014-15 | P0E0156 | 50 mL | 50 mL | 05/07/10 |
| 0050014-16 | P0E0156 | 50 mL | 50 mL | 05/07/10 |
| 0050014-17 | P0E0156 | 50 mL | 50 mL | 05/07/10 |
| 0050014-18 | P0E0156 | 50 mL | 50 mL | 05/07/10 |
| 0050014-19 | P0E0156 | 50 mL | 50 mL | 05/07/10 |
| 0050014-20 | P0E0156 | 50 mL | 50 mL | 05/07/10 |

**Prep Method: 7470A**

| Lab Number | Batch | Initial | Final | Date |
|---|---|---|---|---|
| 0050014-01 | P0E0331 | 20 mL | 30 mL | 05/14/10 |
| 0050014-02 | P0E0331 | 20 mL | 30 mL | 05/14/10 |
| 0050014-03 | P0E0331 | 20 mL | 30 mL | 05/14/10 |
| 0050014-04 | P0E0331 | 20 mL | 30 mL | 05/14/10 |
| 0050014-05 | P0E0331 | 20 mL | 30 mL | 05/14/10 |
| 0050014-06 | P0E0331 | 20 mL | 30 mL | 05/14/10 |
| 0050014-07 | P0E0331 | 20 mL | 30 mL | 05/14/10 |
| 0050014-08 | P0E0331 | 20 mL | 30 mL | 05/14/10 |
| 0050014-09 | P0E0331 | 20 mL | 30 mL | 05/14/10 |
| 0050014-10 | P0E0331 | 20 mL | 30 mL | 05/14/10 |
| 0050014-11 | P0E0331 | 20 mL | 30 mL | 05/14/10 |
| 0050014-12 | P0E0332 | 20 mL | 30 mL | 05/14/10 |
| 0050014-13 | P0E0332 | 20 mL | 30 mL | 05/14/10 |
| 0050014-14 | P0E0332 | 20 mL | 30 mL | 05/14/10 |
| 0050014-15 | P0E0332 | 20 mL | 30 mL | 05/14/10 |
| 0050014-16 | P0E0332 | 20 mL | 30 mL | 05/14/10 |
| 0050014-17 | P0E0332 | 20 mL | 30 mL | 05/14/10 |
| 0050014-18 | P0E0332 | 20 mL | 30 mL | 05/14/10 |
| 0050014-19 | P0E0332 | 20 mL | 30 mL | 05/14/10 |
| 0050014-20 | P0E0332 | 20 mL | 30 mL | 05/14/10 |

**Prep Method: 5030B**

| Lab Number | Batch | Initial | Final | Date |
|---|---|---|---|---|
| 0050014-01 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-02 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-03 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-04 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-05 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-06 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-07 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-08 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-09 | P0E0189 | 10 mL | 10 mL | 05/10/10 |

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## Sample Extraction Data

**Prep Method: 5030B**

| Lab Number | Batch | Initial | Final | Date |
|---|---|---|---|---|
| 0050014-10 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-11 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-12 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-13 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-14 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-15 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-16 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-17 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-18 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-19 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-20 | P0E0189 | 10 mL | 10 mL | 05/10/10 |
| 0050014-21 | P0E0189 | 10 mL | 10 mL | 05/10/10 |

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# CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

PAGE 1 OF 2 QUOTE # TO ENSURE PROPER BILLING: _____

Client Company Name: Brian S. Boutin PG
Report To/Contact Name: Same
Reporting Address: BSB, PG 11112 Branding Iron place Wendell, NC 27591
Phone: (919) 366-3663 Fax (Yes) (No): _____
Email (Yes) (No) Email Address _____
EDD Type: PDF ___ Excel ___ Other ___
Site Location Name: Central Carolina Fire permit 43.34
Site Location Physical Address: Harnett County Permit # 4304

Project Name: Central Carolina Fire
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Brian S Boutin, PG
Address: Same

Purchase Order No./Billing Reference _____
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

**LAB USE ONLY**

| | YES | NO | N/A |
|---|---|---|---|
| Samples INTACT upon arrival? | ✓ | | |
| Received ON WET ICE? Temp 2° | ✓ | | |
| PROPER PRESERVATIVES indicated? | ✓ | | |
| Received WITHIN HOLDING TIMES? | ✓ | | |
| CUSTODY SEALS INTACT? | | | ✓ |
| VOLATILES rec'd W/OUT HEADSPACE? | ✓ | | |
| PROPER CONTAINERS used? | ✓ | | |

**TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL**
Certification: NELAC ___ USACE ___ FL ___ NC X
SC ___ OTHER ___ N/A ___
Water Chlorinated: YES ___ NO X
Sample Iced Upon Collection: YES X NO ___

| CLIENT SAMPLE DESCRIPTION | DATE COLLECTED | TIME COLLECTED MILITARY HOURS | MATRIX (SOIL, WATER OR SLUDGE) | SAMPLE CONTAINER *TYPE SEE BELOW | NO. | SIZE | PRESERVATIVES | ANALYSES REQUESTED: App I VOCs 8260 | RCRA metals | | | | | REMARKS | PRISM LAB ID NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4304-MW9 | 4/29/10 | 0945 | GW | VOA/P | 3/1 | 40/250 | HCL/HNO3 | 3 | 1 | | | | | TRIP Blanks included | 01 |
| 4304-SW1(Exp) | 4/28/10 | 1430 | SW | | | | | | | | | | | 3 VOA's / For VOC's | 02 |
| 4304-MW10 | 4/29/10 | 0830 | GW | | | | | | | | | | | by 8260 App I | 20 |
| 4304-MW18 | 4/29/10 | 0844 | | | | | | | | | | | | | 03 |
| 4304-MW11 | 4/29/10 | 0904 | | | | | | | | | | | | | 04 |
| 4304-MW16 | 4/29/10 | 0930 | | | | | | | | | | | | | 05 |
| 4304-MW14 | 4/29/10 | 1040 | | | | | | | | | | | | | 06 |
| 4304-MW17 | 4/29/10 | 0950 | | | | | | | | | | | | | 07 |
| 4304-MW12 | 4/29/10 | 1020 | | | | | | | | | | | | | 08 |
| 4304-MW13 | 4/29/10 | 1100 | | | | | | | | | | | | | 09 |

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Sampler's Signature Jeff Leaver Sampled By (Print Name) JEFF LEAVER Affiliation EFM, INC.

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

| | | Date | Military/Hours |
|---|---|---|---|
| Relinquished By: (Signature) Jeff Leaver | Received By: (Signature) Allen Lass | 04/29/10 | 1431 |
| Relinquished By: (Signature) [illegible] | Received By: (Signature) [illegible] | 4/30/10 | 1020 |
| Relinquished By: (Signature) [illegible] 4/30/10 1345 | Received For Prism Laboratories By: [illegible] | 4/30/10 | 1345 |

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other _____

COC Group No. 0050014

Additional Comments:

**PRISM USE ONLY**
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

| NPDES: | UST: | GROUNDWATER: | DRINKING WATER: | SOLID WASTE: | RCRA: | CERCLA | LANDFILL | OTHER: |
|---|---|---|---|---|---|---|---|---|
| ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC |
| ☐ ___ | ☐ ___ | ☐ ___ | ☐ ___ | ☐ ___ | ☐ ___ | ☐ ___ | ☐ ___ | ☐ ___ |

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

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ORIGINAL

# CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

PAGE 2 OF 2 QUOTE # TO ENSURE PROPER BILLING:

Client Company Name: Brian S. Butin, PG
Report To/Contact Name: Same
Reporting Address: BSB, PG 1112 Branding Ferry place Wendell, NC, 27591
Phone: (919) 366-3663 Fax (Yes) (No):
Email (Yes) (No) Email Address
EDD Type: PDF___ Excel___ Other
Site Location Name: Central Carolina Tire
Site Location Physical Address: HARNETT COUNTY PERMIT # 4304

Project Name: CENTRAL CARDINA TIRE
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: BRIAN S. BUTIN, PG
Address: SAME

Purchase Order No./Billing Reference
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

**LAB USE ONLY**

| | YES | NO | N/A |
|---|---|---|---|
| Samples INTACT upon arrival? | ✓ | | |
| Received ON WET ICE? Temp 2° | ✓ | | |
| PROPER PRESERVATIVES indicated? | ✓ | | |
| Received WITHIN HOLDING TIMES? | ✓ | | |
| CUSTODY SEALS INTACT? | | | ✓ |
| VOLATILES rec'd W/OUT HEADSPACE? | ✓ | | |
| PROPER CONTAINERS used? | ✓ | | |

**TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL**
Certification: NELAC___ USACE___ FL___ NC X SC___ OTHER___ N/A___
Water Chlorinated: YES___ NO X
Sample Iced Upon Collection: YES X NO___

| CLIENT SAMPLE DESCRIPTION | DATE COLLECTED | TIME COLLECTED MILITARY HOURS | MATRIX (SOIL, WATER OR SLUDGE) | SAMPLE CONTAINER *TYPE SEE BELOW | NO. | SIZE | PRESERVATIVES | ANALYSES REQUESTED: AMPL VOCS | 8260 & RCRA metals | | | | | REMARKS | PRISM LAB ID NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4304 - EB01 | 4/28/10 | 1500 | GW | VOA/P | 3/1 | 40/250 | HCL/HNO3 | 3 | | | | | | | 10 |
| 4304 - MW8 | 4/29/10 | 0840 | GW | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | | | | | | 11 |
| 4304 - MW4 | 4/29/10 | 0855 | GW | | | | | | | | | | | | 12 |
| 4304 - MW3 | 4/29/10 | 0900 | GW | | | | | | | | | | | | 13 |
| 4304 - MW2 | 4/29/10 | 0925 | GW | | | | | | | | | | | | 14 |
| 4304 - MW7 | 4/29/10 | 0915 | GW | | | | | | | | | | | | 15 |
| 4304 - MW6 | 4/29/10 | 0940 | GW | | | | | | | | | | | | 16 |
| 4304 - SW2 | 4/28/10 | 1510 | SW | | | | | | | | | | | | 17 |
| 4304 - SW1 | 4/28/10 | 1450 | SW | | | | | | | | | | | | 18 |
| 4304 - MW5 | 4/29/10 | 0945 | GW | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | | | | | | 19 |

Sampler's Signature: Jeff Leaver Sampled By (Print Name): JEFF LEAVER Affiliation: EFM, INC.

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40 Trip Blank 21

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

| Relinquished By: (Signature) | Received By: (Signature) | Date | Military/Hours |
|---|---|---|---|
| Jeff Leaver | Alex Lasse, Jr | 042910 | 1430 |
| Alex Lasse | [illegible] | 4/30/10 | 1000 |
| [illegible] LA 4/30/10 1345 | Received For Prism Laboratories By: [illegible] | 4/30/10 | 1345 |

Additional Comments:

**PRISM USE ONLY**
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other

COC Group No. 0050014

| NPDES: | UST: | GROUNDWATER: | DRINKING WATER: | SOLID WASTE: | RCRA: | CERCLA | LANDFILL | OTHER: |
|---|---|---|---|---|---|---|---|---|
| ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC | ☐ NC ☐ SC |

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

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